



THE LIBRARY
OF
THE UNIVERSITY
OF CALIFORNIA
DAVIS

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

EARL WARREN, Governor
C. H. PURCELL, Director of Public Works
A. D. EDMONSTON, State Engineer

BULLETIN No. 39-P
SOUTH COASTAL BASIN INVESTIGATION
INCLUDING
SAN JACINTO VALLEY AND ANTELOPE VALLEY
GROUND WATER LEVELS
1947
PRECIPITATION RECORDS
1946-47



SACRAMENTO, 1950

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

WATER RESOURCES
DIVISION OF PUBLIC WORKS
STATE OF CALIFORNIA

WATER RESOURCES
DIVISION OF PUBLIC WORKS
STATE OF CALIFORNIA
DIVISION OF WATER RESOURCES

GROUND WATER
DIVISION OF PUBLIC WORKS
STATE OF CALIFORNIA

GROUND WATER
DIVISION OF PUBLIC WORKS
STATE OF CALIFORNIA



WATER RESOURCES

CONTENTS

	Page
ORGANIZATION	
FOREWORD	1
RECORDS OF GROUND WATER LEVELS AT WELLS	
District A	3
District B	11
District C	19
District D	53
District E	67
San Jacinto Valley	81
Antelope Valley	99
PRECIPITATION RECORDS	
Monthly, from U. S. Weather Bureau	109
Season, 1946-47	110

ORGANIZATION

C. H. Purcell Director of Public Works
A. D. Edmonston State Engineer
P. H. Van Etten Assistant State Engineer

This bulletin was prepared under the direction

of

Gordon Zander,
Principal Hydraulic Engineer

By

George B. Gleason,
Supervising Hydraulic Engineer

Assistants

H. C. Kelly Senior Hydraulic Engineer
J. J. Heacock Associate Hydraulic Engineer
W. H. Overshiner Assistant Hydraulic Engineer
N. J. Tanguay Assistant Hydraulic Engineer

T. R. Merryweather Administrative Assistant

FOREWORD

The well records here given are a continuation of those published in Bulletins 39 to 39-0, inclusive. Descriptive data for most of the wells and maps showing their locations are given in Bulletin 39. Descriptive data for wells not included in Bulletin 39 are given in Bulletins 39-A to 39-0, inclusive. Some of these latter wells are not shown on the maps in Bulletin 39.

Records of ground water levels at wells in San Jacinto and Antelope Valleys are continued in this bulletin. The locations are shown on Maps 9, 10, and 11 given in Bulletin 39-J. The wells in these valleys are numbered by Township, Range and Section, i.e.; Well Number 5S2W1A is located in Township, 5 South, Range 2 West, S.B.B. & M. in Section 1. The letter "A" denotes that it is the first well numbered in that section. The letter "B" would be the second well, etc.

The San Jacinto Valley wells are shown on Maps 9 and 10. The tabulation begins in the northwest corner of Map 9 and progresses east and south. The townships are all south of the meridian so they are in numerical order but the ranges are both east and west and are not in numerical order.

The Antelope Valley wells are shown on Map 11. They are tabulated by Township and Range so both are in numerical order. The tabulation begins in the southeast corner of Map 11 and progresses west and north.

The precipitation records here given are a continuation of those published in Bulletins 39-A to 39-0, inclusive. In the former bulletin is a map showing locations of stations listed in 1932. Stations not shown on the map in Bulletin 39-A are described as to location in

the bulletins following that publication. The totals are for the period July 1st to June 30th. There is a tendency on the part of the observers to neglect the minor storms, particularly those occurring at the beginning and at the end of the season. Through inspection of the records at nearby stations, the amount of precipitation so neglected has been estimated. This amount has been added to the recorded precipitation and an asterisk indicates where such an addition has been made.

Monthly totals for several precipitation stations are included to show the distribution of rainfall in various localities.

Records of daily precipitation for most of the stations included herein are available in the office of the Division of Water Resources.

Cooperation of the agencies through which the records have been made available is appreciated. Proper credit is given in the tabulation of data for each well and in the table showing precipitation data.

It is believed that records published herein provide sufficient coverage for most purposes. Additional records are available in the Los Angeles office of the Division of Water Resources.

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in District "A"

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
A-4c-B-6 1226.6	Jan. 14	8.2	A-13-D-3	Sep. 3	26.4
	Mar. 20	11.2	Cont.	Oct. 7	26.5
	Apr. 3	11.5		Nov. 4	26.4
	May 1	12.4			
	June 3	12.5	A-15-D-4	Jan. 15	a 10.9
	July 2	12.0	791.2	Feb. 26	a 10.5
				Mar. 19	a 10.5
A-4e-B-6 1281.8	Apr. 9	a 34.5		Apr. 16	a 10.5
	Dec. 11	a 35.7		May 21	a 10.4
				June 25	a 10.4
A-5a-C-2 953.6	Jan. 31	5.6		Aug. 13	a 10.6
	Mar. 4	5.7		Sep. 17	a 10.9
	Apr. 7	6.1		Oct. 22	a 11.2
	May 6	6.8		Nov. 13	a 11.3
	June 3	6.9		Dec. 10	a 11.4
	July 2	6.9			
	Aug. 7	7.2	A-18a-D-4	Apr. 11	a 120.6
	Sep. 3	8.4	869.1	Dec. 11	a 120.3
	Oct. 7	8.6			
	Nov. 4	8.7	A-18c-D-4	Apr. 7	50.6
			783.	Nov. 17	50.4
A-9-D-3 880.0	Apr. 10	a 65.9			
	Dec. 11	a 65.1	A-22-D-5	Apr. 10	a 157.7
			862.5	Dec. 11	a 164.6
A-10-E-3 792.7	Jan. 31	9.0			
	Feb. 5	9.0	A-24-B-5	Apr. 9	a 22.2
	Mar. 4	9.0	1158.4	Nov. 18	32.2
	Apr. 14	9.5		Dec. 11	a 30.3
	May 6	9.8			
	June 3	9.8	A-24a-C-5	Jan. 14	5.9
	July 2	10.2	1120.7	Mar. 4	7.4
	Aug. 6	10.8		May 4	13.7
	Sep. 2	11.0		June 3	14.6
	Oct. 7	12.4		July 2	12.6
	Nov. 4	11.3		Aug. 7	15.0
	Dec. 9	11.2		Sep. 3	14.6
				Oct. 7	14.9
A-12-D-3 830.	Apr. 10	21.0		Nov. 4	14.8
	Dec. 11	19.3			
A-13-D-3 825.9	Jan. 31	25.8	A-24b-C-5	Dec. 18	a 23.4
	Mar. 4	25.5	1033.8		
	May 4	25.9			
	June 3	26.1	A-26-D-5	Jan. 7	a 182.0
	July 2	26.2	879.0	Feb. 1	a 180.0
	Aug. 7	26.4		Mar. 1	a 178.6
				Apr. 1	178.6

a Measurement from Los Angeles Department of Water & Power.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
A-26-D-5 Cont.	May 1	179.4	A-35-D-6 886.6	Jan. 15	203.4
	June 3	180.7		Feb. 26	199.3
	July 1	181.7		Mar. 19	198.5
	Aug. 5	183.1		Apr. 9	198.2
	Sep. 2	184.4		May 21	199.8
				June 25	202.0
A-27-D-5 798.0	Jan. 31 a	105.2		Aug. 13	205.1
	Mar. 4 a	104.3		Sep. 8	206.9
	May 6 a	105.0		Oct. 22	208.5
	June 3 a	104.8		Nov. 25	209.4
	Aug. 7 a	105.8		Dec. 10	209.9
	Sep. 3 a	105.4			
	Oct. 7 a	104.8	A-37-C-7 1203.8	Apr. 9	172.3
	Nov. 17 a	105.1		Dec. 11	181.6
A-27a-D-5 793.1	Apr. 8	102.2	A-39-D-7 898.2	Jan. 9 a	206.9
	May 13	103.6		Jan. 29 a	201.2
	June 3	102.6		Mar. 31 a	205.2
	Aug. 5	103.3		Apr. 29 a	208.5
	Sep. 2	103.7		June 3 a	212.8
	Oct. 7	104.1		July 9 a	217.2
	Nov. 4	104.4		Aug. 5 a	220.0
	Dec. 2	104.8		Sep. 3 a	222.8
A-28b-B-6 1130.7	Apr. 10	1.0		Oct. 21 a	225.7
	Dec. 11	5.8		Nov. 24 a	226.9
A-31-D-6 903.0	Jan. 15	212.2	A-40-E-7 760.2	Sep. 9	118.0
	Mar. 19	208.3			
	Apr. 9	206.9	A-41-C-7 1099.1	Apr. 9	26.6
	May 21	208.8		Dec. 10	36.2
	Sep. 8	213.8			
	Dec. 10	216.3	A-43-E-7 713.7	Jan. 3 b	106.5
A-31a-D-6 820.2	Apr. 10	135.1		Feb. 4 b	105.6
	May 20	137.5		Mar. 4 b	105.0
	June 24	139.2		Apr. 1 b	104.4
	July 22	140.7		Apr. 22 b	104.1
	Aug. 26	142.3		May 13 b	105.6
	Sep. 16	142.6		June 10 b	108.0
	Oct. 7	142.1		July 8 b	110.3
	Nov. 4	142.5		Aug. 5 b	112.4
	Dec. 2	143.0		Sep. 3 b	114.1
				Oct. 7 b	113.4
				Nov. 4 b	112.4
				Dec. 2 b	118.8

a Measurement from Los Angeles County Flood Control District.

b Measurement by City of Burbank from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water & Power except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
A-44-C-7	Jan. 14	29.7	A-56d-E-2	Apr. 14	27.0
1164.1	Jan. 31	30.2	882.7	Sep. 28	28.5
	Mar. 4	32.0		Nov. 18	28.5
	Mar. 31	34.6		Dec. 10 a	28.4
	May 6	38.2			
	June 3	40.0	A-58d-E-3	Apr. 10 a	10.6
	July 2	40.9	798.6	Dec. 10 a	11.1
	Aug. 7	42.4			
	Sep. 3	43.4	A-60-E-3	Apr. 10 a	13.0
	Oct. 7	44.2	793.6	Dec. 10 a	13.4
	Nov. 4	44.2			
A-45-C-8	Apr. 9 ab	21.1	A-62a-E-3	Jan. 15	13.6
1159.8	Dec. 10 ab	25.2	769.9	Feb. 26	12.5
				Mar. 21 a	13.1
A-46b-E-7	Apr. 11 a	113.8		Apr. 16	13.1
725.0				May 21	13.1
				June 25 a	13.5
A-48-C-8	Apr. 8 a	41.6		Aug. 13 a	13.6
1286.1	Nov. 25	44.9		Sep. 17 a	13.0
	Dec. 10 a	45.0		Nov. 12 a	13.8
				Dec. 12 a	12.8
A-49-C-8	Apr. 8 ab	97.8	A-66b-E-4	Jan. 7	9.7
1448.5	Dec. 10 ab	108.5	729.5	Feb. 5	9.6
				Mar. 11	9.6
A-53-D-10	Apr. 9	95.0		Apr. 14	9.0
2022.	Nov. 24	103.0		May 6	8.6
				June 3	8.9
A-54c-D-10	Apr. 9	168.0		July 9	9.0
1441.6	Nov. 24 c			Aug. 6	8.2
				Sep. 2	9.0
A-54d-D-10	Apr. 9 d			Oct. 7	9.9
1726.3	Nov. 24 d			Nov. 4	10.2
				Dec. 9	10.4
A-54e-D-10	Apr. 9	53.9			
1498.	Nov. 24	56.2	A-70-E-5	Apr. 9 a	24.1
			719.1	Dec. 10 a	26.0
A-55-E-10	Apr. 9 e				
1145.9	July 9 f		A-71a-E-5	Apr. 25 a	14.1
			723.9	Dec. 10 a	14.0
A-56-E-2	Dec. 16 ab	35.1			
836.9					

a Measurement from Los Angeles Department of Water & Power.

b Pumping nearby.

c Plugged at 53.5 feet.

d Dry at 192.9 feet.

e Dry at 68 feet.

f Sanded up.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
A-72-E-5 732.5	Apr. 9 a	39.0	A-76-E-6	Aug. 6	48.2
	Sep. 9 a	40.0	Cont.	Sep. 2	49.7
	Dec. 10 a	40.6		Oct. 7	45.0
A-73-E-5 690.1	Feb. 5	13.5		Nov. 4	44.9
	Mar. 11	13.6		Dec. 9	45.0
	Apr. 11	13.8	A-77b-E-6 681.3	Feb. 5	20.5
	May 6	14.0		Mar. 11	19.3
	June 3	14.2		Apr. 14	19.5
	July 9	14.8		May 6	24.9
	Aug. 6	15.2		June 3	27.3
	Sep. 2	15.5		July 9	28.4
	Oct. 7	15.8		Aug. 6	30.1
	Nov. 4	16.0		Sep. 2	33.0
	Dec. 9	16.2		Oct. 7	27.0
A-74-E-5 732.6	Feb. 5	53.0		Nov. 4	26.8
	Mar. 11	52.0		Dec. 9 a	26.9
	Apr. 14	52.1	A-78d-E-6 698.4	Jan. 7	53.0
	May 6	55.1		Feb. 5	53.0
	June 3	56.0		Mar. 11	53.0
	July 9	57.8		Apr. 14	53.0
	Aug. 6	60.1		May 6	52.9
	Sep. 2	61.0		June 3	53.1
	Oct. 7	58.1		July 9	54.4
	Nov. 4	58.2		Aug. 6	55.2
	Dec. 9	58.6		Sep. 2	57.1
A-75-F-6 654.3	Feb. 5	9.0		Oct. 7	59.3
	Mar. 11	8.6		Nov. 4	60.0
	Apr. 11	8.9		Dec. 9	60.0
	May 6	9.8	A-80-E-6 697.8	Feb. 5	53.6
	June 3	10.2		Mar. 11	52.4
	July 9	10.7		Apr. 14	51.9
	Aug. 6	11.1		May 6 a	56.3
	Sep. 2	11.4		June 3	61.0
	Oct. 7	11.5		July 9	64.1
	Nov. 4	11.4		Aug. 6	66.5
	Dec. 9	11.0		Sep. 2	68.0
A-76-E-6 707.2	Feb. 5	38.6		Oct. 7	62.2
	Mar. 11	37.8		Nov. 4	63.2
	Apr. 14	38.0		Dec. 9	60.1
	May 6	43.0	A-80c-E-7 713.7	Apr. 10 a	77.9
	June 3	45.2		Sep. 14 a	97.2
	July 9	46.7		Dec. 9 a	87.3

a Measurement from Los Angeles Department of Water & Power.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
A-8ld-E-6 656.8	Feb. 5	22.5	A-86-E-7 652.3	Jan. 3 d	58.3
	Mar. 11	22.3		Feb. 4 d	58.1
	Apr. 14	22.1		Mar. 4 d	57.7
	May 6	22.6		Apr. 1 d	57.5
	June 3	23.5		May 6 d	58.0
	July 9	24.8		June 10 d	61.2
	Aug. 6	25.9		July 8 d	63.3
	Sep. 2	27.0		Aug. 5 d	64.9
	Oct. 7	27.0		Sep. 10 d	67.2
	Nov. 4	28.5		Oct. 7 d	65.9
	Dec. 9	28.8		Nov. 4 d	64.8
				Dec. 9 d	64.0
A-8lh-E-7 658.6	Feb. 5	36.6	A-86f-E-7 689.7	Jan. 6 d	91.6
	Mar. 11	36.2		Feb. 3 d	91.2
	Apr. 14	35.8		Mar. 3 d	91.0
	May 6	35.8		Apr. 7 d	90.3
	June 3	37.7		Apr. 30 d	90.0
	July 9	40.3		June 2 d	91.7
	Aug. 6	42.3		July 4 d	93.7
	Sep. 2	44.2		Aug. 4 d	95.9
	Oct. 7	45.6		Sep. 2 d	97.4
	Nov. 4	45.2		Oct. 10 d	98.0
	Dec. 9	44.8		Nov. 3 d	97.5
				Dec. 1 d	97.3
A-82-F-6 633.9	Apr. 9 a	19.6	A-87c-E-7 592.7	Jan. 3 d	21.7
	Sep. 9 a	21.9		Feb. 4 d	21.5
	Dec. 9 a	23.7		Mar. 4 d	21.5
A-84-E-7 627.7	Apr. 9 a	15.3		Apr. 1 d	21.5
	Sep. 10 ab	34.0		May 6 d	21.5
	Dec. 9 a	38.5		June 4 d	21.9
A-85c-F-7 596.1	Apr. 11 c	0.0		July 8 d	22.8
	Nov. 19	1.7		Aug. 5 d	23.7
	Sep. 11 a	4.0		Sep. 10 d	25.0
	Dec. 10 a	1.6		Oct. 7 d	26.0
A-85e-F-7 575.1	Apr. 10 a	18.0		Nov. 4 d	26.4
	Sep. 10 a	20.8		Dec. 9 d	26.7
	Dec. 10 a	21.2			

a Measurement from Los Angeles Department of Water & Power.

b Pumping nearby.

c Leaking through casing cover.

d Measurement by City of Burbank.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
A-88-F-8	Jan. 22	a 18.0	A-93-E-8	Jan. 7	24.8
*	Feb. 27	a 17.7	566.6	Feb. 11	24.8
	Mar. 26	a 17.7		Mar. 11	24.8
	Apr. 11	a 17.8		Apr. 1	24.6
	May 28	a 18.5		May 6	34.6
	June 25	a 19.9		June 4	35.3
	Aug. 20	a 21.3		July 8	36.3
	Sep. 10	a 21.5		Aug. 5	39.6
	Oct. 29	a 21.6		Sep. 3	40.0
	Nov. 18	a 22.0		Oct. 7	40.8
	Dec. 11	a 21.4		Nov. 4	36.8
				Dec. 9	30.1
A-89d-E-8	Jan. 3	41.8	A-93L-E-8	Jan. 3	36.5
620.9	Feb. 4	41.5	509.3	Feb. 4	36.3
	Mar. 4	41.5		Mar. 4	36.4
	Apr. 1	41.4		Apr. 1	36.1
	May 13	41.6		May 13	37.2
	June 4	42.6		June 4	37.5
	July 8	43.7		July 8	38.9
	Aug. 5	45.2		Aug. 5	40.0
	Sep. 10	46.7		Sep. 10	40.9
	Oct. 7	47.4		Oct. 7	41.2
	Nov. 4	47.5		Nov. 4	41.1
	Dec. 9	47.2		Dec. 9	40.5
A-90-E-8	Apr. 7	a 13.6			
570.0	Sep. 8	a 15.8			

* R.P. Elevation 546.3 to and including September 10, 1947; then 546.8.
 a Measurement from Los Angeles Department of Water & Power.
 Measurements by City of Burbank from Los Angeles County Flood Control
 District except as noted.

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in District "B"

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
B-1a-H-5 341.7	Apr. 23 Nov. 25	72.0 73.0	B-15-I-8 105.0	Apr. 16 May 7 July 10 Aug. 12 Oct. 9 Nov. 20	75.2 74.0 75.7 76.6 78.7 79.2
B-2-H-5 156.	Apr. 29 Dec. 10	51.8 a			
B-3-I-5 108.5	Apr. 29 Dec. 10	98.5 102.8	B-16-I-8 127.5	Oct. 7	52.8
B-5c-I-5 *	Apr. 22 Nov. 29	23.2 23.9	B-18-H-9 225.	Apr. 9 Dec. 10	127.8 131.0
B-6d-H-6 195.8	Apr. 23 Nov. 25	112.2 113.5	B-18a-H-9 232.	Apr. 9 Dec. 10	138.7 139.2
B-10p-I-6 84.6	Jan. 14 Feb. 17 Mar. 11 Apr. 8 May 7 June 5 July 9 Aug. 12 Sep. 3 Oct. 8 Nov. 12	73.3 73.5 73.4 73.5 73.4 73.5 73.5 73.5 74.4 74.0 74.1	B-22e-I-10 203.	Mar. Apr. July 30 Aug. 13 Sep. 12 Nov. 14 Dec. 3	b 217. b 219. b 225. b 230. b 223. b 230. b 230.
B-11b-G-7 293.2	Apr. 30 Dec. 8	91.8 101.2	B-23-I-5 22.2	Jan. 14 Feb. 17 Mar. 11 Apr. 8 May 7 June 3 July 9 Aug. 12 Sep. 2 Oct. 8 Nov. 13	22.5 22.3 22.6 22.3 22.6 22.9 22.8 22.8 23.0 23.0 23.0
B-12-H-7 100.	Apr. 29 Nov. 24	53.0 69.4			
B-13-I-6 68.0	Apr. 29 Nov. 24	46.7 57.7			
B-14-G-8 290.	Feb. 17 Mar. 11 Apr. 8 Sep. 11 Oct. 8	27.9 29.0 25.8 27.6 25.9	B-27d-J-6 20	July 22 Aug. 22 Sep. 26 Oct. 24 Nov. 24 Dec. 26	c 20.5 c 20.8 c 21.0 c 21.0 c 21.1 c 21.0
B-14d-G-8 335.9	Apr. 30 Dec. 9	42.0 42.6			

* R.P. elevation 27.3 to and including April 22, 1947; then 27.6.

a Full of debris.

b Measurement by owner from Los Angeles County Flood Control District.

c Measurement from Division of Water Resources.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
B-28-J-6 83.9	Aug. 27 a	82.	B-44-K-8 Cont.	July 25	100.4
	Sep. 27 a	81.9		Aug. 25	100.8
	Oct. 27 a	81.8		Sep. 26	100.9
	Nov. 27 a	81.7		Oct. 24	101.1
	Dec. 27 a	81.6		Nov. 25	101.4
				Dec. 29	101.5
B-28c-J-6 131.3	Jan. 29	132.7	B-44a-K-8 **	Jan. 14 b	127.0
	Feb. 26	132.7		Feb. 17 b	126.9
	Mar. 27	132.8		Mar. 11 b	115.0
	Apr. 15	133.0		Apr. 8 b	116.4
	Apr. 29	133.0		May 7 b	118.2
	May 29	133.5		June 4 b	121.2
	June 20	138.5		July 1 b	125.1
	July 29	133.1		Aug. 12 b	125.4
	Aug. 27	135.3		Sep. 2 b	125.7
	Sep. 30	133.0		Oct. 7 b	123.8
	Oct. 28	132.9		Nov. 12 b	126.5
	Nov. 28	134.1		Dec. 9 b	118.9
	Dec. 29	135.5			
B-31-J-6 *142.8	July 29	157.5	B-45d-K-8 50.	Apr. 2	88.9
	Aug. 26	150.0		May 26	94.0
	Sep. 26	149.8		July 27	99.1
	Oct. 24	149.3		Aug. 27	89.5
	Nov. 26	149.6		Oct. 27	86.1
				Sep. 29	87.9
B-36b-K-6 140.	Mar. 19	158.5		Nov. 25	86.4
	Apr. 15 b	156.9	B-50-I-9	Apr. 24 b	116.7
	July 29	159.6	156.1	Nov. 25 b	119.4
	Aug. 26	161.0			
	Sep. 30	159.7	B-51b-J-9	Apr. 22 b	94.3
	Oct. 28	160.1	140.6	Nov. 25 b	107.4
	Nov. 28	159.3			
B-37-L-7 154.4	Apr. 15 b	165.8	B-52-J-8	Dec. 9 b	175.8
	Nov. 18 bc		178.8		
B-44-K-8 83.1	Apr. 3	99.4		1946	
	Apr. 16 b	102.5	B-58d-K-9	July 1 de	119.
	May 26	102.7	125.6	Aug. 1 de	119.
	June 19	100.1			

* Correction to all previous bulletins: R.P. elevation should be 142.8, from levels by D.W.R.

** R.P. elevation 77.8 to and including August 12, 1947; then 77.7.

a Measurement from owner.

b Measurement from Los Angeles County Flood Control District.

c Dry at 175 feet.

d Air gage.

e Measurement by San Gabriel Valley Protective Association from Los Angeles County Flood Control District.

Measurements from Division of Water Resources except as noted.

Well Number
and
R.P. Elev. Date Dist.R.P.
to water
surface,
Feet

1946

B-58d-K-9 Sep. 1 ab 120.
Cont. Oct. 1 ab 119.
Nov. 1 ab 115.
Dec. 1 ab 112.

1947

Jan. 1 ab 112.
Feb. 1 ab 114.
Mar. 1 ab 114.
Apr. 1 ab 114.
May 1 ab 118.
June 1 ab 119.
July 1 ab 121.
Aug. 1 ab 123.
Sep. 1 ab 125.
Oct. 1 ab 122.
Nov. 1 ab 122.
Dec. 1 ab 121.

B-64d-L-9 Jan. 4 b 55.9
92.8 Feb. 14 b 61.1
Mar. 7 b 58.3
Apr. 18 b 65.8
May 9 b 68.4
June 20 b 75.1
Aug. 1 b 81.0
Sep. 12 b 79.5
Oct. 3 b 76.1
Nov. 12 b 69.1

B-67-K-10 May 6 40.4
104. Nov. 26 41.8

B-69-K-9 Jan. 4 b 47.3
86.5 Feb. 14 b 47.5
Mar. 7 b 47.7
Apr. 18 b 60.3
May 9 b 62.4
June 20 b 68.6
July 11 b 73.2

Well Number
and
R.P. Elev. Date Dist.R.P.
to water
surface,
Feet

1947

B-69-K-9 Aug. 1 b 76.0
Cont. Sep. 12 b 72.9
Oct. 3 b 70.5
Nov. 14 b 67.0
Dec. 5 b 62.4

B-70b-J-10 Jan. c 157.
178.7 Feb. c 147.
Mar. c 147.

B-72b-J-10 Dec. 17 14.3
107.

B-72e-K-10 Jan. 8 28.8
107. Feb. 4 29.7
Mar. 10 29.7
Apr. 7 30.1
May 12 32.1
June 2 32.4
July 1 33.9
Aug. 4 35.9
Oct. 6 34.6
Nov. 17 33.2
Dec. 15 31.2

B-78b-J-11 Apr. 22 35.5
*107.4 Nov. 26 d

B-84-L-6 Apr. 14 156.4
*141.6 Nov. 18 e 159.4

B-90c-L-7 Jan. 1 ac 118.
96.6 Mar. 1 ac 118.
May 1 ac 120.
July af 121.
Sep. af 122.
Nov. af 121.

B-92d-L-8 Dec. 3 94.6
75.5

* New elevation; R.P. changed.

a Air gage.

b Measurement by San Gabriel Valley Protective Association.

c Measurement by owner.

d Destroyed.

e Pumping nearby.

f Measurement from owner.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
----------------------------------	------	---

1947

B-95-N-7 108.7	Apr. 14	a 138.0
	Apr. 17	139.5
	Nov. 26	a 136.0

B-96-L-8 50.	June 16	91.5
	Aug. 22	89.3
	Oct. 27	86.7
	Nov. 24	85.7
	Dec. 29	83.3

B-100-N-8 82.	Jan. 14	a 104.3
	Feb. 17	a 105.0
	Mar. 11	ab 119.0
	Apr. 8	ab 118.8
	May 7	a 105.0
	June 4	ab 109.1
	July 1	ab 105.6
	Aug. 11	109.3
	Aug. 12	a 105.8
	Sep. 2	a 106.2
	Oct. 7	a 109.0
	Nov. 12	a 108.0
Dec. 9	a 114.9	

B-101b-L-8 46.	Apr. 9	a 70.0
	Apr. 16	75.0
	May 27	71.5
	June 26	70.9
	July 30	73.3
	Aug. 22	74.6
	Sep. 24	71.4
	Oct. 29	72.0
	Nov. 24	71.6
	Dec. 29	69.0

B-103b-L-8 58.5	Jan. 29	105.5
	Mar. 27	106.1
	Apr. 29	110.0
	May 28	110.9
	June 23	106.9
	July 30	116.3
	Aug. 25	109.9
	Sep. 25	109.8
	Oct. 28	107.7
	Nov. 24	106.0
Dec. 30	105.5	

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
----------------------------------	------	---

1947

B-108-M-8 36.1	Apr. 23	63.6
	May 28	64.0
	June 23	61.7
	July 31	62.3
	Aug. 25	62.7
	Sep. 25	62.8
	Oct. 28	62.8
	Nov. 25	62.5
	Dec. 30	62.0

B-109c-M-9 29.1	Apr. 15	a 35.9
	Apr. 22	35.8
	May 28	39.9
	June 24	36.5
	July 31	36.7
	Sep. 2	37.2
	Sep. 26	37.6
	Oct. 28	37.8
	Nov. 25	38.2
	Dec. 30	38.6

B-111-L-9 56.2	Apr. 22	71.1
	May 27	72.0
	June 23	71.0
	July 30	71.2
	Aug. 22	71.6
	Sep. 26	71.8
	Oct. 27	72.0
	Nov. 27	72.1
Dec. 29	72.1	

B-112-L-9 43.6	June 18	64.5
-------------------	---------	------

B-113-M-9 11.8	Apr. 15	a 59.8
	May 14	63.8
	June 23	64.1
	July 30	67.2
	Aug. 25	68.5
	Sep. 25	67.4
	Oct. 28	65.9
	Nov. 24	63.0
	Nov. 25	a 62.8

a Measurement from Los Angeles County Flood Control District.

b Pumping nearby.

Measurements from Division of Water Resources except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1946		
B-115a-N-9 40.	July 3	81.0	B-119q-M-10 24.9	Apr. 22	c 25.0
	Sep. 29	a 80.0		Dec. 4	c 25.6
	Oct. 31	a 85.			
	Dec. 31	a 84.		1947	
B-115g-N-9 35.0	Jan. 1	b 89.0		Apr. 9	c 25.5
	Feb. 1	b 92.2		Apr. 24	25.5
	Mar. 31	b 95.5		May 28	26.3
	Apr. 30	b 99.8		June 24	26.0
	May 31	b 101.9		July 29	26.9
	July 31	b 108.0		Aug. 26	27.2
	Aug. 31	b 109.5		Sep. 26	26.8
	Sep. 30	b 109.1		Oct. 28	26.6
	Oct. 31	b 103.1		Nov. 19	c 27.0
	Nov. 30	b 101.1		Nov. 25	27.0
	Dec. 31	b 98.1		Dec. 30	26.8
B-117-L-10 98.8	Apr. 15	c 89.8	B-122-L-10 57.	Apr. 9	c 24.1
	Nov. 25	c 95.1		Nov. 19	c 26.2
B-118-M-10 34.0	Jan. 25	d 29.3	B-122f-L-10 62.5	Jan. 4	e 16.3
	Feb. 19	d 28.3		Jan. 24	e 16.3
	Mar. 13	d 29.2		Feb. 14	e 16.2
	Apr. 16	d 30.9		Mar. 7	e 16.8
	May 16	d 31.4		Mar. 28	e 20.2
	June 17	d 32.0		Apr. 18	e 23.6
	Aug. 9	d 33.0		May 9	e 25.0
	Sep. 26	d 31.7		June 20	e 27.4
	Oct. 21	d 31.3		July 11	e 29.4
B-119-M-9 24.	Apr. 23	47.3		Aug. 1	e 32.8
	June 24	50.4		Sep. 12	e 31.5
	Aug. 26	52.2		Oct. 3	e 27.3
	Sep. 26	51.4		Nov. 14	e 26.8
	Oct. 28	53.8		Dec. 5	e 24.9
	Nov. 25	49.0	B-123e-M-10 42.7	Apr. 24	22.2
	Dec. 30	48.2		May 27	21.2
				June 23	24.2
			B-129-L-10 58.1	Nov. 19	c 38.7

a Measurement from Southern California Edison Company, Ltd.

b Measurement by owner from Los Angeles County Flood Control District.

c Measurement from Los Angeles County Flood Control District.

d Measurement from Long Beach Water Department.

e Measurement by San Gabriel Valley Protective Association from Los Angeles County Flood Control District.

Measurements from Division of Water Resources except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
B-129b-M-10 37.4	Jan. 22	a 34.7	B-134-N-9 Cont.	Aug. 4	b 65.0
	Feb. 19	a 34.2		Aug. 25	b 63.8
	Mar. 13	a 34.6		Oct. 6	b 64.6
	Apr. 16	a 38.9		Nov. 17	b 64.8
	May 16	a 41.9		Dec. 15	b 64.9
	June 17	a 41.4			
	Aug. 9	a 45.5	B-134c-N-9 31.6	Jan. 29	57.2
	Sep. 26	a 41.8		Feb. 26	57.2
	Oct. 22	a 40.9		Mar. 26	57.5
B-130e-N-8 185.0	May 15	211.0		Apr. 24	61.7
	June 24	211.2		May 28	62.9
	July 28	211.5		June 24	61.8
	Aug. 26	212.2		July 29	61.5
	Sep. 26	212.5		Aug. 26	63.3
	Oct. 29	212.9		Sep. 26	62.9
	Nov. 25	214.0		Oct. 29	62.3
	Dec. 31	212.9		Nov. 25	60.2
				Dec. 30	59.8
B-132-N-8 71.2	Apr. 16	b 100.1	B-136-N-10 8.0	Jan. 22	a 9.9
	Nov. 24	b 101.8		Feb. 19	a 10.0
B-133-N-8 50.	July 7	c 90.5		Mar. 13	a 10.3
	Aug. 20	c 92.2		Apr. 16	a 10.6
	Sep. 7	c 92.2		May 16	a 11.1
	Oct. 25	c 92.1		Aug. 8	a 12.3
	Nov. 20	c 91.7		Sep. 26	a 12.0
	Dec. 13	c 89.2		Oct. 21	a 12.0
				Nov. 26	a 12.0
B-133b-O-8 9.4	May 19	4.5	B-136d-N-10 8.0	Jan. 22	d 7.5
				Feb. 19	d 8.2
B-134-N-9 39.	Jan. 8	b 62.6		Mar. 13	d 9.2
	Feb. 4	b 62.8		Apr. 16	d 9.9
	Mar. 10	b 63.0		May 16	d 11.1
	Apr. 7	b 63.1		June 17	d 10.6
	May 12	b 64.6		Aug. 8	d 11.3
	June 2	b 63.3		Sep. 26	d 11.0
	July 1	b 63.6		Oct. 21	d 10.8

a Measurement by Long Beach Water Department from Los Angeles County Flood Control District.

b Measurement from Los Angeles County Flood Control District.

c Measurement from owner.

d Measurement from Long Beach Water Department.

Measurements from Division of Water Resources except as noted.

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in District "C"

THE UNIVERSITY OF CHICAGO
 LIBRARY OF THE DIVISION OF THE PHYSICAL SCIENCES
 530 CHICAGO, ILL. 60607

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-1c-E-11 1172.4	Jan. 25	179.5	C-7-E-11 1109.7	Jan. 21	141.9
	Mar. 18	ab 179.0		Feb. 20	139.1
	Apr. 1	174.9		Mar. 11	138.1
	May 5	177.3		Mar. 18	a 143.5
	June 1	177.3		Apr. 8	137.2
	June 29	179.8		May 9	137.8
	Aug. 25	192.6		June 11	138.6
	Oct. 8	195.3		July 7	141.0
	Nov. 4	191.8		Aug. 9	146.7
	Nov. 28	191.0		Sep. 7	151.2
	Dec. 5	a 191.6		Oct. 6	152.7
C-1k-D-10 1273.3	Mar. 18	a 212.7		Nov. 3	153.7
	Dec. 5	a 215.5		Dec. 2	153.8
				Dec. 3	a 153.8
C-3-E-11 1202.1	Jan. 31	c 230.	C-10-E-11 1046.6	Jan. 22	87.9
	Feb. 28	c 227.		Feb. 20	85.5
	Mar. 18	a 229.6		Mar. 11	84.4
	Mar. 31	c 228.		Mar. 18	a 84.2
	Apr. 30	c 228.		Apr. 7	83.4
	May 31	c 230.		May 9	83.0
	June 30	c 232.		June 11	83.1
	July 28	c 251.		July 7	84.0
	Aug. 30	c 252.		Aug. 9	86.5
	Sep. 29	c 256.		Sep. 7	88.9
	Oct. 27	c 253.		Oct. 6	90.8
	Nov. 29	c 250.		Nov. 3	92.0
	Dec. 3	a 247.5		Dec. 2	92.6
				Dec. 3	a 92.9
C-5-E-11 1070.6	Jan. 21	90.9	C-11-E-11 1188.5	Feb. 28	c 250.
	Feb. 20	90.7		Mar. 18	a 251.8
	Mar. 11	91.2		June 1	c 250.
	Mar. 18	a 92.2		July 1	c 250.
	Apr. 7	91.1		Aug. 1	c 250.
	May 9	93.0		Sep. 1	c 250.
	June 11	93.8		Dec. 3	a 254.9
	July 7	99.4			
	Aug. 9	109.2	C-12-E-11 1134.2	Jan. 31	c 193.
	Sep. 7	113.7		Feb. 28	c 192.
	Oct. 6	112.7		Mar. 18	a 187.4
	Nov. 3	111.8		Mar. 31	c 188.
	Dec. 2	111.4		Apr. 30	c 198.
	Dec. 3	a 110.7			

a Measurement from Division of Water Resources.

b Pumping nearby.

c Air gage measurement.

Measurements from owner except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-12-E-11	May 31	a 196.4	C-44-F-12	May 9	316.6
Cont.	June 30	a 198.	Cont.	June 16	315.5
	July 31	a 198.		July 14	320.1
	Aug. 31	a 200.		Aug. 11	323.6
	Sep. 30	a 193.		Sep. 4	323.6
	Oct. 31	a 192.		Oct. 8	321.7
	Nov. 30	a 189.		Nov. 3	319.0
	Dec. 3	b 194.5		Dec. 2	316.6
	Dec. 31	a 188.			
C-16-F-11	Jan. 24	253.1	C-47-F-12	Mar. 19	b 148.4
916.5	Mar. 11	250.8	698.8	Dec. 9	b 149.0
	Mar. 18	b 248.9	C-49-F-12	Jan. 1	168.6
	Apr. 7	249.7	720.0	Feb. 1	166.1
	May 12	248.5		Mar. 1	166.1
	June 10	250.8		Apr. 1	165.5
	July 14	253.1		May 1	170.7
	Sep. 4	255.4		July 1	167.2
	Oct. 3	255.4		Aug. 1	173.0
	Nov. 13	258.9		Sep. 1	170.7
	Dec. 2	256.6		Oct. 1	170.8
C-22-F-11	Oct. 3	233.6		Nov. 1	168.6
*897.2	Nov. 11	234.9		Dec. 1	167.3
	Dec. 2	234.5	C-52a-F-12	Jan. 24	232.2
	Dec. 3	b 235.0	791.2	Feb. 20	230.9
C-31a-F-11	Dec. 7	b 130.8		Mar. 13	231.3
774.4				Mar. 20	b 230.6
C-38a-E-12	Mar. 18	b 349.6		Apr. 9	230.9
1159.9	Dec. 3	b 349.1		May 9	232.9
C-41-E-12	Mar. 20	b 75.9		June 9	232.2
**	Dec. 5	b 82.0		July 14	238.2
C-42-E-12	Mar. 18	b 300.6		Aug. 9	238.3
866.6	June 30	b 303.8		Sep. 4	239.1
	Dec. 5	b 298.6		Oct. 8	237.3
C-44-F-12	Jan. 24	317.8		Nov. 6	235.1
879.0	Feb. 20	317.8		Dec. 2	232.9
	Mar. 13	315.5		Dec. 3	b 232.7
	Apr. 22	315.5	C-55-F-12	Jan. 31	175.1
			736.3	Feb. 28	174.1
				Mar. 21	b 175.6
				Mar. 31	175.6
				Apr. 30	175.6

* New elevation; R.P. changed.

** R.P. elevation 890.3 to and including March 20, 1947; then 893.3.

a Air gage measurements.

b Measurement from Division of Water Resources.

Measurements from owner except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
C-55-F-12	May 31	177.0	C-82a-F-13	Aug. 11	67.0
Cont.	June 30	177.8	Cont.	Sep. 2	67.0
	July 31	181.0		Oct. 6	52.4
	Aug. 31	179.3		Nov. 6	53.2
	Sep. 30	178.1		Dec. 2	50.8
	Oct. 31	178.0		Dec. 10 a	50.7
	Nov. 30	175.8			
	Dec. 9 a	176.6	C-101-F-13	Jan. 6	76.4
	Dec. 31	174.2	603.0	Feb. 3	71.5
C-56-F-12	Mar. 21 a	117.6		Mar. 3	66.7
714.9	Dec. 9 a	120.8		Mar. 19 a	74.2
C-62-F-12	Jan. 2	111.5		Apr. 3	68.2
673.6	Feb. 1	111.0		Apr. 24	68.2
	Mar. 1	111.0		Oct. 6	105.5
	Mar. 24 a	108.2		Nov. 4	100.5
	Apr. 1	110.0		Dec. 2	91.5
	May 1	113.0		Dec. 4 a	91.0
	June 1	109.0	C-102-F-14	Jan. 3 b	13.1
	July 1	107.8	594.2	Jan. 14 b	15.6
	Aug. 1	112.0		Jan. 30 b	14.1
	Sep. 1	124.0		Feb. 10 b	15.1
	Oct. 1	124.5		Feb. 24 b	12.9
	Nov. 1	115.0		Mar. 18 a	15.3
	Dec. 1	114.5		Apr. 1 b	16.0
	Dec. 9 a	112.7		Apr. 30 b	17.4
C-65-F-12	Mar. 24 a	135.8		May 16 b	18.1
599.6	Dec. 9 a	131.4		June 5 b	18.4
C-74-F-12	Mar. 19 a	126.9		July 9 b	19.1
676.5	Dec. 9 a	126.8		Sep. 25 b	20.4
C-76-F-12	Mar. 19 a	120.2		Nov. 19 b	20.4
665.8	Dec. 10 a	120.5		Dec. 10 a	18.3
C-82a-F-13	Jan. 24	51.0	C-103-F-13	Mar. 19 a	83.8
592.1	Feb. 20	49.8	*	Dec. 10 a	83.9
	Mar. 13	50.0	C-108-F-12	Mar. 24 a	126.2
	Mar. 20 a	50.6	708.4	Dec. 8 a	125.8
	Apr. 9	51.5	C-111-F-11	Jan. 22	172.1
	May 9	53.8	776.3	Feb. 20	170.5
	June 13	59.9		Mar. 12	169.6
	July 10	64.9		Mar. 20 a	169.7
				Apr. 8	168.9
				May 9	171.3

* R.P. elevation 627.0 to and including March 19, 1947; then 627.5.

a Measurement from Division of Water Resources.

b Measurement from Los Angeles County Flood Control District.

Measurements from owner except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
C-111-F-11 Cont.	June 13	173.4	C-200-F-13	May 16	c - 176.7
	July 10	174.6	Cont.	June 6	c - 177.0
	Aug. 11	176.5		July 25	c 177.7
	Sep. 2	177.0		Aug. 8	c 178.2
	Oct. 7	176.7		Sep. 19	c 178.8
	Nov. 3	174.7		Oct. 10	c 179.2
	Dec. 2	172.1		Nov. 21	c 180.0
	Dec. 9	a 172.8		Dec. 12	c 180.3
C-119-F-12 662.8	Jan. 1	b 96.8	C-201-G-12	Jan. 1	243.0
	Feb. 1	b 96.8	504.0	Feb. 1	244.0
	Mar. 1	b 95.6		Mar. 1	244.0
	Mar. 21	a 105.2		Apr. 1	244.0
	Apr. 1	b 98.0		May 1	245.8
	May 1	b 99.0		July 1	246.0
	July 1	b 102.0		Aug. 1	246.0
	Aug. 1	b 106.0		Sep. 1	246.0
	Sep. 1	b 106.6		Oct. 1	250.0
	Oct. 1	b 114.0		Nov. 1	250.0
	Nov. 1	b 109.3		Dec. 1	254.0
	Dec. 1	b 106.0			
	Dec. 9	a 106.9	C-202-G-12	July 25	c 308.3
C-130-F-13 677.0	Jan. 31	143.	560.9	Aug. 8	c 307.8
	Feb. 28	140.		Dec. 12	c 314.6
	Mar. 31	136.8	C-204-G-12	Jan. 10	c 221.0
	Apr. 30	146.8	478.9	Feb. 21	c 220.0
	May 31	149.6		Mar. 14	c 220.0
	June 30	151.2		Apr. 4	c 220.5
	July 15	173.		May 16	c 222.9
	Aug. 4	181.			
	Aug. 30	180.3	C-206-G-12	Jan. 2	278.0
	Sep. 30	180.8	534.6	Feb. 1	276.8
	Oct. 31	174.5		Mar. 1	276.8
	Nov. 30	169.		Apr. 1	278.5
	Dec. 31	161.1		May 1	278.5
C-200-F-13 481.9	Jan. 10	c 176.3		June 1	278.0
	Jan. 31	c 176.3		July 1	279.5
	Feb. 21	c 176.3		Aug. 1	280.5
	Mar. 14	c 176.1		Sep. 1	283.0
	Apr. 4	c 176.3		Oct. 1	283.5
	Apr. 25	c 176.5		Nov. 1	281.5
				Dec. 1	283.0

a Measurement from Division of Water Resources.

b Air gage measurement.

c Measurement by San Gabriel Valley Protective Association from Los Angeles County Flood Control District.

Measurements from owner except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-212-H-12 283.6	Jan. 31	23.2	C-224f-G-13 314.2	Jan. 1 a	34.2
	Mar. 14	23.3		Feb. 1 a	34.2
	Apr. 25	23.6		Mar. 1 a	34.2
	June 6	23.9		Apr. 1 a	34.8
	July 25	24.2		May 1 a	35.2
	Aug. 29	24.2		June 1 a	36.0
	Sep. 19	24.4		July 1 a	36.2
	Oct. 10	24.7		Aug. 1 a	36.2
	Nov. 21	24.9		Sep. 1 a	37.0
	Dec. 12	25.1		Oct. 1 a	37.0
				Nov. 1 a	37.5
				Dec. 1 a	37.5
C-214-G-13 370.8	Jan. 10	70.8	C-230a-H-13 278.3	Jan. 10	13.6
	Jan. 31	70.6		Apr. 3	14.3
	Feb. 21	70.5		May 16	14.7
	Mar. 14	70.5		June 24	15.9
	Apr. 4	70.7		Aug. 8	16.2
	Apr. 24	71.1		Sep. 19	16.2
	May 16	71.3		Oct. 30	16.2
	June 5	71.8		Nov. 21	16.1
	July 25	73.2		Dec. 12	15.6
	Aug. 8	73.9			
	Sep. 19	74.7	C-234-H-13 242.6	Jan. 10	4.5
	Oct. 10	75.2		Feb. 21	4.9
	Nov. 21	76.4		Mar. 14	5.0
	Dec. 12	76.6		Apr. 4	5.1
C-219-G-13 385.0	Jan. 31	112.0		May 16	4.8
	Feb. 20	122.3		June 6	5.8
	Apr. 24	125.8		July 25	6.4
	May 16	125.1		Aug. 29	6.6
	Oct. 10	131.3		Sep. 19	6.6
	Dec. 12	127.8		Oct. 10	6.6
				Nov. 21	6.5
				Dec. 12	6.0
C-223-G-13 307.7	Jan. 10	17.8	C-237w-H-13 240.	Jan. 10	2.8
	Feb. 20	18.0		Jan. 30	2.6
	Mar. 13	17.7		Feb. 20	2.9
	Apr. 4	18.5		Mar. 13	2.9
	May 15	18.9		Apr. 3	3.1
	June 5	19.4		May 15	3.6
	July 25	20.0		June 5	3.8
	Aug. 29	21.0		July 24	4.8
	Sep. 19	21.5		Aug. 28	5.1
	Oct. 10	22.0		Sep. 19	5.0
	Nov. 21	22.6			
	Dec. 12	22.5			

a Measurement by owner from Los Angeles County Flood Control District.

Measurements by San Gabriel Valley Protective Association from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-237w-H-13	Oct. 10	5.0	C-242-F-14	Jan. 10	99.6
Cont.	Nov. 21	4.8	404.5	Jan. 31	103.4
	Dec. 12	4.2		Feb. 21	98.6
				Apr. 4	100.1
C-239-H-13	Jan. 10	10.8		May 16	101.9
228.	Feb. 20	11.0		July 25	107.5
	Mar. 13	11.1		Aug. 29	109.1
	Apr. 24	11.3		Sep. 19	109.3
	May 15	11.4		Oct. 10	111.4
	June 5	11.7		Nov. 21	115.0
	July 24	12.2		Dec. 12	113.0
	Aug. 28	12.5			
	Sep. 19	11.9	C-243-F-14	Jan. 10	108.0
	Oct. 10	12.1	414.5	Feb. 21	106.5
	Nov. 21	11.8		Mar. 14	106.9
	Dec. 12	11.6		Apr. 4	107.4
				May 16	109.7
C-240q-I-13	Jan. 2	2.0		June 5	111.1
211.2	Feb. 5	3.0		Aug. 8	116.2
	Mar. 5	3.0		Sep. 19	118.8
	Apr. 2	3.2		Oct. 10	120.1
	Apr. 23	3.6		Dec. 12	122.8
	May 7	3.4			
	June 4	3.5	C-243b-F-14	Jan. 1 a	28.9
	July 3	3.9	797.2	Feb. 3 a	36.3
	Aug. 6	4.2		Mar. 5 a	40.8
	Sep. 3	3.9		May 16 a	48.7
	Oct. 1	4.1			
	Nov. 5	3.8	C-243d-F-14	Jan. 19	84.1
	Dec. 3	3.6	699.5	Feb. 18	83.2
				Mar. 11	84.9
C-241-F-14	Jan. 10	113.6		Apr. 4	88.4
416.6	Jan. 31	113.0		May 16	101.3
	Feb. 21	112.5		June 6	105.4
	Apr. 4	112.0		July 25	120.5
	Apr. 25	112.1		Aug. 8	117.8
	May 16	112.2		Sep. 19	119.7
	June 6	112.6		Oct. 10	123.5
	July 25	113.8		Nov. 21	124.4
	Aug. 29	114.8			
	Sep. 19	115.4	C-249-G-14	Jan. 2 a	34.3
	Oct. 10	116.2	334.8	Feb. 5 a	35.8
	Oct. 31	116.8		Mar. 5 a	36.6
	Dec. 12	118.3		Apr. 2 a	37.2

a Measurement from Los Angeles County Flood Control District.

Measurements by San Gabriel Valley Protective Association from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-249-G-14 Cont.	May 7 a	38.7	C-266-H-14 Cont.	Aug. 7	16.2
	June 4 a	39.9		Aug. 28	14.1
	July 2 a	41.8		Sep. 18	14.0
	Aug. 6 a	44.3		Oct. 30	15.7
	Sep. 3 a	45.9	C-278-F-15	Jan. 10	15.8
	Oct. 1 a	47.4	*	Feb. 21	17.3
	Nov. 5 a	48.9		Apr. 4	22.5
	Dec. 3 a	49.8		May 16	30.3
C-259-H-14 292.0	Jan. 9	11.6		July 25	41.5
	Feb. 20	10.6		Aug. 29	43.8
	Mar. 13	10.8		Sep. 19	44.4
	Apr. 3	10.7		Oct. 10	44.4
	May 15	12.0		Oct. 31	47.1
	June 5	13.2		Nov. 21	44.3
	July 24	15.6		Dec. 12	46.0
	Aug. 7	16.8	C-280-F-15 591.2	Jan. 10	38.1
	Sep. 18	18.1		Feb. 21	41.3
	Oct. 9	18.3		Mar. 14	42.8
	Nov. 20	18.9		Apr. 4	45.2
	Dec. 11	18.1		May 16	50.5
C-262-H-14 320.1	Jan. 9	27.8		June 6	52.9
	Feb. 20	25.0		July 25	66.2
	Mar. 13	24.3		Aug. 8	71.2
	Apr. 3	24.1		Sep. 19	83.9
	May 15	25.8		Oct. 10	89.6
	June 5	26.4		Nov. 21	97.7
	July 24	30.1		Dec. 12	98.0
	Aug. 28	32.8	C-282-F-14	Jan. 10	156.7
	Sep. 18	33.6	**	Feb. 21	153.4
	Oct. 9	34.4		Mar. 14	153.8
	Nov. 20	35.6		Apr. 4	154.7
	Dec. 11	35.1		May 16	157.5
C-266-H-14 294.5	Jan. 9	4.1		June 6	159.0
	Feb. 20	3.5		July 25	163.3
	Mar. 13	3.6		Aug. 8	164.5
	Apr. 3	3.4		Sep. 19	167.5
	May 15	8.3		Oct. 10	168.5
	June 5	8.5		Nov. 21	171.0
	July 24	13.3		Dec. 12	171.8

* R.P. elevation 636.3 to and including September 19, 1947; then 635.1.

** R.P. elevation 465.1 to and including October 10, 1947; then 465.4.

a Measurement from Los Angeles County Flood Control District.
Measurements by San Gabriel Valley Protective Association from Los
Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-283-G-15	Jan. 2	144.6	C-294a-G-15	Aug. 20	91.1
* .	Feb. 5	140.6	Cont.	Sep. 17	93.0
	Mar. 5	141.5		Oct. 15	94.4
	Apr. 2	142.9		Nov. 19	95.7
	May 7	146.1		Dec. 31	96.2
	June 4	148.6			
	July 2	151.4	C-295-G-15	Jan. 9	85.5
	Aug. 6	155.0	392.7	Feb. 20	81.4
	Sep. 3	157.2		Mar. 13	80.9
	Oct. 1	161.8		Apr. 3	80.8
	Nov. 5	163.4		May 14	84.3
	Dec. 3	164.3		June 5	85.6
C-284-G-15	Oct. 6	178.8		July 23	90.8
480.1				Aug. 27	94.0
C-285-F-16	Jan. 31	28.6		Sep. 17	95.3
686.0	Feb. 21	29.0		Oct. 29	97.2
	Apr. 4	48.3		Nov. 19	97.8
	May 16	67.1		Dec. 10	98.0
	June 6	72.9	C-296-G-15	Jan. 9	114.4
	July 25	82.9	424.7	Feb. 14	111.1
	Dec. 12	87.5		Mar. 11	108.5
C-291-G-14	Jan. 9	64.3		Apr. 17	116.6
371.5	Feb. 20	65.6		May 2	110.6
	Mar. 13	66.0		June 5	113.2
	Apr. 3	66.6		July 10	116.8
	May 15	69.3		Aug. 6	119.4
	June 5	70.8		Sep. 16	122.7
	July 24	75.0		Oct. 8	123.8
	Aug. 28	77.8		Nov. 19	125.2
	Sep. 18	79.2		Dec. 31	125.4
	Oct. 9	80.4	C-300-H-15	Jan. 2	96.9
	Nov. 20	82.1	407.2	Feb. 5	94.6
	Dec. 11	82.5		Mar. 5	92.9
C-294a-G-15	Jan. 2	83.3		Apr. 9	91.8
387.7	Jan. 29	79.8		May 7	92.8
	Mar. 5	79.0		June 4	94.0
	Apr. 2	79.3		July 2	96.1
	Apr. 30	81.1		Aug. 6	98.8
	May 29 a	83.4		Sep. 3	100.8
	June 25	85.9		Oct. 1	102.4
	July 23	88.6		Nov. 5	103.6
				Dec. 3	104.5

* R.P. elevation 453.8 to and including September 3, 1947; then 456.6.
a Measurement from Los Angeles County Flood Control District.
Measurements by San Gabriel Valley Protective Association from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-307-H-15 357.4	Jan. 8	56.0	C-316-I-15	Aug. 28	9.4
	Feb. 19	54.0	Cont.	Sep. 18	9.2
	Mar. 12	54.6		Oct. 9	8.5
	Apr. 2	52.9		Nov. 20	8.1
	May 14	54.2		Dec. 11	6.6
	June 4	54.9			
	July 23	58.6	C-317-I-15	Jan. 9	15.9
	Aug. 6	59.4	331.0	Jan. 30	15.3
	Sep. 17	61.5		Mar. 13	15.7
	Oct. 29	64.2		Apr. 24	16.0
	Nov. 19	62.7		June 5	16.7
	Dec. 31	64.1		July 24	18.9
				Aug. 28	17.7
C-309-H-15 320.3	Jan. 9	23.2		Sep. 18	19.7
	Jan. 30	22.7		Oct. 9	22.0
	Feb. 24	22.3		Nov. 20	22.0
	Mar. 13	22.0		Dec. 11	21.7
	Apr. 24	24.3			
	May 15	23.2	C-320-F-16	Aug. 27 a	38.2
	June 24	27.4	756.3	Sep. 25 a	41.0
	July 24	28.1		Oct. 30 a	42.4
	Aug. 28	28.7		Nov. 20 a	42.9
	Sep. 18	29.6		Dec. 18 a	41.0
	Oct. 9	30.2			
	Nov. 20	30.0	C-322-F-16	Jan. 9	15.6
	Dec. 11	29.0	694.6	Feb. 20	14.6
				Mar. 13	29.0
C-312-H-15 342.3	Jan. 9	38.4		Apr. 24	62.4
	Feb. 20	37.2		May 15	73.6
	Mar. 13	35.7		June 24	87.8
	Apr. 3	36.0		July 24	95.4
	May 15	39.7		Aug. 20	100.7
	June 5	41.2		Sep. 18	105.1
	July 24	50.5		Oct. 30	107.3
	Aug. 28	47.8		Nov. 20	108.3
	Oct. 30	50.7		Dec. 11	105.8
	Nov. 20	48.4			
	Dec. 11	45.9	C-323-F-16	Jan. 6 a	11.2
			693.3	Feb. 6 a	12.0
C-316-I-15 309.2	Jan. 9	4.2		Mar. 4 a	22.4
	Feb. 20	4.4		Apr. 2 a	45.8
	Mar. 13	4.5		May 1 a	70.1
	Apr. 3	4.8		June 5 a	89.9
	May 15	7.3		July 3 a	99.2
	June 5	6.4		Aug. 7 a	107.8
	July 24	8.8		Sep. 4 a	115.8

a Measurement from Los Angeles County Flood Control District.

Measurements by San Gabriel Valley Protective Association from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-323-F-16	Oct. 2	a 118.3	C-337-G-16	Apr. 3	240.1
Cont.	Nov. 6	a 122.7	Cont.	Apr. 24	243.0
	Dec. 4	a 121.3		May 15	234.7
C-328-F-16	Jan. 9	26.2		June 5	237.0
671.4	Feb. 20	24.5		Oct. 9	241.9
	Mar. 13	b 30.8		Nov. 20	243.9
	Apr. 3	43.4		Dec. 11	244.7
	May 15	b 71.2	C-338-G-16	Jan. 9	192.4
	June 24	b 96.0	535.0	Jan. 30	190.5
	July 24	b 99.5		Feb. 20	190.1
	Aug. 7	b 103.7		Apr. 3	192.1
	Sep. 18	b 114.6		Apr. 24	191.5
	Oct. 9	118.1		May 15	192.5
	Nov. 20	b 125.2		June 24	199.3
	Dec. 11	124.4		Sep. 18	209.0
C-334-F-16	Jan. 9	35.2		Oct. 30	203.1
631.0	Feb. 28	20.6		Nov. 20	202.7
	Mar. 10	21.7	C-343-H-16	Jan. 2	137.7
	Apr. 10	31.8	477.9	Feb. 5	135.6
	May 1	41.2		Mar. 5	134.6
	June 10	56.8		Apr. 2	134.0
	July 1	63.2		Apr. 30	143.0
	Aug. 1	71.0		June 4	144.7
	Sep. 10	78.8		July 2	148.9
	Oct. 1	82.2		Aug. 6	152.8
	Nov. 10	88.0		Sep. 3	155.4
	Dec. 10	91.8		Oct. 1	155.9
C-335-G-16	Jan. 9	218.1		Nov. 5	151.2
538.2	Feb. 20	209.9		Dec. 3	149.5
	Mar. 13	208.5	C-360-G-16	Jan. 2	147.2
	Apr. 3	208.7	462.4	Feb. 5	142.9
	May 15	215.4		Mar. 5	141.0
	June 5	216.8		Apr. 9	140.0
	Aug. 7	227.1		May 7	142.5
	Sep. 18	230.2		June 4	145.1
	Oct. 9	231.8		Oct. 1	158.8
	Nov. 20	232.2		Nov. 5	156.8
	Dec. 11	232.4		Dec. 3	157.6
C-337-G-16	Jan. 9	236.5	C-362-G-15	Jan. 9	186.3
657.0	Feb. 20	236.4	499.3	Feb. 20	179.8
	Mar. 13	239.5		Mar. 13	179.5

a Measurement from Los Angeles County Flood Control District.

b Pumping nearby.

Measurements by San Gabriel Valley Protective Association from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-362-G-15 Cont.	Apr. 3	180.2	C-401c-F-16	Jan. 9	224.3
	May 15	185.0	704.7	Feb. 20	224.8
	June 5	188.2		Mar. 13	225.1
	July 24	193.2		Apr. 3	225.1
	Aug. 7	194.6		May 15	225.6
	Sep. 18	198.4		June 5	226.0
	Oct. 9	199.7		July 24	227.4
	Nov. 20	201.5		Aug. 28	228.9
	Dec. 11	201.8		Sep. 18	229.8
C-367-F-15 548.9	Jan. 8	228.0		Oct. 9	230.7
	Jan. 29	220.5		Nov. 20	232.9
	Feb. 19	222.2		Dec. 11	233.9
	Mar. 12	223.1	C-404a-F-17	Jan. 8 a	65.2
	Apr. 2	226.4	1115.0	Feb. 27 a	63.1
	May 14	233.8		Mar. 25 a	85.8
	June 4	236.9		Apr. 9 a	87.7
	July 23	243.2		Dec. 23 a	145.7
	Aug. 27	247.0			
	Sep. 17	249.2	C-405-F-17	Jan. 1 b	376.3
	Oct. 8	250.3	950.	Feb. 1 b	378.5
	Nov. 19	252.5		Mar. 1 b	378.5
	Dec. 10	253.2		Apr. 1 b	379.6
C-376-G-11 532.0	Jan. 10 a	255.6		May 1 b	383.9
	Feb. 21	255.8		June 1 b	387.3
	Mar. 14	255.7		July 1 b	391.2
	Apr. 4	256.0		Aug. 1 b	395.3
	May 16	256.2		Sep. 1 b	398.1
	June 6	256.2		Oct. 1 b	400.5
	July 25	256.8		Nov. 1 b	401.0
	Aug. 29	257.4		Dec. 1 b	401.0
	Sep. 19	257.6	C-426a-F-17	Apr. 2 a	79.8
	Oct. 10	258.0	896.	Nov. 18 a	111.8
	Nov. 21	258.5			
	Dec. 12	258.8	C-432-G-17	Apr. 8	79.2
C-383c-I-13 219.4	Apr. 1 a	10.8	739.9	Nov. 17	94.8
	Nov. 24 a	11.0	C-444b-G-17	Dec. 17	194.7
C-387-G-16 496.	Sep. 29 a	186.7	742.		
C-401-F-16 882.	Nov. 28 a	168.8	C-446a-G-17	Jan. 14	89.2
			880.6	Feb. 18	88.0
				Mar. 25	87.9
				May 7	88.4

a Measurement from Los Angeles County Flood Control District.

b Measurement by owner from Los Angeles County Flood Control District.

Measurements by San Gabriel Valley Protective Association from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
C-446a-G-17	June 3	88.8	C-649-G-19	Jan. 14	234.4
Cont.	July 18	88.9	*	Feb. 18	224.8
	Aug. 12	88.9		Mar. 12	219.2
	Sep. 11	89.2		Apr. 2	215.6
	Oct. 8	89.4		May 15	237.2
	Nov. 13	89.8		June 5	241.3
	Dec. 23	90.2		July 24	253.0
C-446c-G-17	Jan. 22	203.1		Aug. 12	255.4
869.7	Feb. 26	201.9		Sep. 11	258.5
	Mar. 13	201.5		Oct. 14	260.3
	Apr. 22	203.9		Nov. 18	261.7
	July 27	216.3		Dec. 17	258.1
	Oct. 23	219.8	C-655q-F-19	Apr. 8	33.9
	Dec. 18	205.5	1530.9	Nov. 26	44.3
C-446e-G-18	Apr. 2	181.5	C-656h-F-20	Apr. 3	15.9
934.4	Nov. 18	183.8	1831.0	Nov. 25	38.7
C-452c-G-17	Apr. 2	156.9	C-656i-F-20	Apr. 3	16.5
672.2			2067.	Nov. 25	35.3
C-500-G-18	Jan. 14	102.3	C-658-G-20	Jan. 6	152.1
1029.0	Feb. 18	99.2	1482.5	Feb. 3 a	151.0
	May 28	127.6		Mar. 3 a	146.7
	July 27	134.0		Apr. 7 a	149.6
	Oct. 8	142.4		Sep. 1 a	116.0
	Nov. 23	145.8		Nov. 10 a	105.8
C-512b-G-18	Apr. 2	54.4		Dec. 1 a	91.1
983.	Nov. 18	80.1	C-659i-G-20	Feb. 18	167.9
C-514-G-18	Apr. 1	73.6	1511.8	May 22	149.3
975.0	Nov. 20	137.5		Dec. 18	182.3
C-595-G-19	Nov. 28	160.6	C-660c-G-19	Jan. 14	90.6
1134.3			1319.4	Feb. 18	89.9
C-611-G-19	Dec. 23	280.7		Mar. 26	94.8
1044.0				Apr. 7	84.5
				May 22	99.3
				Dec. 18	128.3
C-612a-G-18	Nov. 28	169.7	C-664-G-20	Jan. 1 b	220.
1018.			1301.5	Feb. 1 b	211.

* R.P. elevation 1030.6 to and including August 12, 1947; then 1030.0.

a Measurement from owner.

b Measurement by Southern California Water Company.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-664-G-20	Mar. 1	a 213.	C-701c-I-17	Nov. 6	35.2
Cont.	Apr. 1	a 236.	Cont.	Dec. 18	33.0
	May 1	a 231.			
	June 1	a 248.	C-703-H-18	Mar. 13	b 114.2
	Nov. 27	278.2	774.	Apr. 1	113.4
				Nov. 17	124.2
C-666-G-19	Apr. 7	140.9		Dec. 15	b 120.0
1114.	Dec. 19	159.3			
C-670h-H-19	Jan. 14	60.0	C-707-I-17	Apr. 1	13.1
950.3	Feb. 18	52.3	455.	Nov. 17	14.2
	Mar. 26	58.7			
	Apr. 7	59.2	C-708-I-15	Apr. 1	32.5
	May 15	71.6	374.	Nov. 17	39.2
	June 3	68.3			
	July 10	78.6	C-712-J-16	Apr. 1	23.5
	Aug. 12	85.5	480.5	Nov. 17	29.2
	Sep. 11	82.4			
	Oct. 14	85.0	C-803g-I-12	Jan. 2	c 22.8
	Nov. 6	87.6	183.	Feb. 5	c 22.2
	Dec. 18	72.3		Mar. 5	c 22.2
C-673-H-19	Mar. 12	b 193.5		Apr. 2	c 22.2
901.	Dec. 12	b 200.3		May 7	c 22.5
				June 4	c 22.8
C-676c-H-18	Apr. 7	149.6		July 2	c 23.7
815.	Nov. 24	158.8		Aug. 6	c 25.8
				Sep. 3	c 28.0
C-678k-H-19	Mar. 18	b 110.8		Oct. 1	c 29.6
807.5	Apr. 7	105.4		Nov. 5	c 30.8
	Nov. 24	113.0		Dec. 3	c 30.8
	Dec. 15	b 113.4	C-803r-I-12	Oct. 8	54.
			211.		
C-701c-I-17	Jan. 14	25.4	C-804q-I-13	Apr. 1	26.4
*	Feb. 18	24.7	230.5	Nov. 24	26.5
	Mar. 12	23.8			
	Apr. 1	24.0	C-807-I-12	Jan. 3	c 58.0
	May 15	28.8	212.	Feb. 13	c 59.0
	June 3	29.4		Mar. 6	c 58.9
	July 10	33.8		Apr. 17	c 59.4
	Aug. 27	37.5		May 9	c 60.8
	Sep. 11	36.9		June 19	c 61.3
	Oct. 14	36.1		July 10	c 62.4

* R.P. elevation 522.5 to and including October 14, 1947; then 523.3.

a Measurement by Southern California Water Company.

b Measurement from San Bernardino County Flood Control District.

c Measurement by San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-807-I-12	Aug. 21	65.1	C-814-I-13	Aug. 8	28.6
Cont.	Sep. 11	68.4	Cont.	Sep. 1	31.4
	Oct. 2	69.1		Oct. 6	34.2
	Nov. 13	69.2		Nov. 3	35.2
	Dec. 5	66.8		Dec. 1	35.0
C-808-I-12	Jan. 3	62.8	C-825g-J-12	Apr. 21	a 21.7
191.	Feb. 13	62.8	135.5	Dec. 1	a 32.7
	Mar. 6	62.5	C-827-J-12	Oct. 24	31.3
	Apr. 17	63.2	140.8	Nov. 13	32.0
	May 9	64.7		Dec. 5	32.6
	June 19	65.5	C-829j-J-11	Jan. 11	a 29.9
	July 10	66.6	127.7	Apr. 8	a 28.9
	Aug. 21	70.0		May 9	a 31.2
	Sep. 11	71.2		June 7	a 32.7
	Oct. 2	72.1		July 3	a 34.2
	Dec. 26	72.9		Aug. 10	a 36.6
C-811a-I-11	Jan. 3	72.2		Sep. 7	a 37.7
152.1	Feb. 13	73.0		Oct. 4	a 38.0
	Mar. 6	73.0		Nov. 2	a 37.9
	Apr. 17	79.0		Dec. 6	a 37.8
	May 9	80.3	C-848-K-12	Jan. 6	23.6
	June 19	82.4	110.0	Feb. 3	22.5
	July 10	83.9		Mar. 10	21.6
	Aug. 21	87.8		Apr. 7	23.0
	Sep. 11	87.7		May 5	27.1
	Oct. 2	88.7		June 2	27.6
	Nov. 13	87.8		July 7	30.5
	Dec. 5	86.5		Aug. 4	33.4
C-812-I-11	Jan. 3	55.5		Sep. 1	34.4
143.4	Apr. 17	61.3		Oct. 6	34.2
	May 9	63.4		Nov. 3	33.2
	June 19	65.9		Dec. 1	32.1
	Oct. 2	70.3	C-853-K-13	Jan. 3	35.4
	Nov. 13	71.4	110.	Feb. 13	34.4
	Dec. 26	66.2		Mar. 6	33.9
C-814-I-13	Jan. 6	23.6		Apr. 17	41.8
175.7	Feb. 3	22.8		May 8	42.1
	Mar. 3	22.6		July 31	55.0
	Apr. 7	22.0		Sep. 11	50.6
	May 5	23.1		Nov. 14	45.1
	June 2	23.0		Dec. 4	42.6
	July 7	25.8			

a Measurement from Los Angeles County Flood Control District.

Measurements by San Gabriel Valley Protective Association from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-853a-K-13 126.2	Jan. 3	55.7	C-858-L-13	June 27 a	44.3
	Feb. 13	54.8	Cont.	July 29 a	48.9
	Mar. 6	54.2		Aug. 22 a	47.0
	Apr. 8	56.2		Sep. 26 a	46.7
	May 8	56.6		Oct. 24 a	40.2
	June 19	57.6		Nov. 18 b	34.6
	July 10	59.6		Nov. 28 a	32.2
	Aug. 21	60.9		Dec. 30 a	28.5
	Sep. 11	61.4			
	Oct. 2	61.0	C-861-L-12	Jan. 3	18.4
	Nov. 13	61.0	85.0	Feb. 13	18.2
	Dec. 4	61.1		Mar. 6	18.9
				Apr. 17	33.7
C-853k-K-13 131.6	Jan. 3	35.3		May 8	32.2
	Feb. 13	33.4		June 19	38.5
	Mar. 6	32.8		July 10	38.1
	Apr. 17	33.9		Aug. 21	41.5
	May 8	35.2		Sep. 11	38.9
	July 10	38.8		Oct. 2	36.3
	Aug. 21	40.0		Nov. 13	30.2
	Sep. 11	40.6		Dec. 5	26.0
	Oct. 2	41.0			
	Nov. 13	41.3	C-872-K-11	Jan. 3	24.1
	Dec. 4	41.1	96.0	Feb. 13	24.4
				Mar. 6	25.3
C-856-L-13 *	Jan. 20 a	29.3		Apr. 17	34.3
	Feb. 18 a	28.5		May 29	32.6
	Mar. 19 a	30.4		July 10	39.1
	Apr. 22 a	35.5		Aug. 21	40.5
	May 20 a	36.6		Sep. 11	40.4
	June 27 a	40.0		Oct. 2	37.7
	July 29 a	42.4		Nov. 13	33.6
	Aug. 22 a	44.6		Dec. 5	30.6
	Sep. 26 a	42.5			
	Oct. 24 a	41.2	C-872a-K-11	Jan. 6	16.7
	Nov. 28 a	38.2	87.	Feb. 3	17.4
	Dec. 30 a	36.0		Mar. 3	18.7
				Apr. 7	20.9
C-858-L-13 76.2	Jan. 20 a	20.3		May 5	26.6
	Feb. 18 a	19.2		May 19	27.0
	Mar. 19 a	27.7		June 2	26.6
	Apr. 8 b	33.3		July 7	31.4
	Apr. 22 a	36.3		Aug. 4	34.3
	May 20 a	37.7		Sep. 1	32.7

* R.P. elevation 86.2 to and including October 24, 1947; then 83.5.

a Measurement from Orange County Flood Control District.

b Measurement from Los Angeles County Flood Control District.

Measurements by San Gabriel Valley Protective Association from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-872a-K-11	Oct. 6	30.3	C-891-L-13	Nov. 13	33.3
Cont.	Nov. 3	27.2	Cont.	Dec. 4	26.1
	Dec. 1	24.7			
C-877d-L-11	Jan. 4	10.9	C-894-L-13	Jan. 20	b 20.8
70.	Feb. 14	12.0	61.7	Feb. 18	b 19.1
	Mar. 7	12.7		Mar. 19	b 24.8
	Apr. 18	24.5		Apr. 16	b 38.4
	May 9	24.6		May 20	b 37.2
	June 20	28.2		June 27	b 40.8
	July 11	30.9		July 29	b 44.7
	Aug. 1	34.3		Aug. 22	b 41.3
	Sep. 12	31.6		Sep. 26	b 35.8
	Oct. 24	24.1		Oct. 24	b 34.7
	Nov. 14	23.1		Nov. 28	b 31.4
	Dec. 5	17.4		Dec. 30	b 27.6
C-885c-L-11	Jan. 4	5.1	C-896e-M-13	Jan. 20	b 27.3
58.0	Feb. 14	5.6	53.6	Feb. 18	b 32.8
	Mar. 7	6.3		Mar. 19	b 36.8
	Apr. 18	17.4		Apr. 16	b 54.7
	May 9	17.7		May 20	b 53.5
	June 20	20.2		June 27	b 52.9
	July 11	22.9		July 29	b 49.3
	Aug. 1	27.2		Aug. 22	b 49.1
	Sep. 12	23.0		Sep. 26	b 44.1
	Oct. 3	20.3		Oct. 24	b 41.0
	Nov. 14	16.9		Nov. 28	b 37.9
	Dec. 5	14.6		Dec. 30	b 24.8
C-886a-L-11	Apr. 8	a 16.6	C-897k-M-13	Jan. 20	b 28.4
71.0			45.2	Feb. 18	b 27.5
C-887-L-12	Apr. 9	a 21.9		Mar. 19	b 30.0
64.4	Nov. 19	a 25.4		Apr. 22	b 46.3
				May 20	b 48.3
C-891-L-13	Jan. 4	13.8		June 27	b 53.4
58.2	Mar. 7	15.3		July 29	b 60.2
	Apr. 8	33.3		Aug. 22	b 46.5
	Apr. 17	40.8		Sep. 26	b 41.1
	May 8	39.5		Oct. 24	b 38.8
	July 10	49.0		Nov. 28	b 28.9
	Aug. 21	49.2		Dec. 30	b 17.0
	Sep. 11	49.0	C-900-M-13	Jan. 3	10.1
	Oct. 2	46.4	35.3	Jan. 23	9.0
				Feb. 13	10.9

a Measurement from Los Angeles County Flood Control District.

b Measurement from Orange County Flood Control District.

Measurements by San Gabriel Valley Protective Association from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-900-M-13 Cont.	Mar. 6	16.5	C-910d-O-12 40.0	Jan. 21	b 35.8
	Apr. 14	30.5		Feb. 26	bc
	May 5	37.7		Mar. 21	bc
	June 16	39.1		Apr. 23	bc
	July 7	45.2		May 21	bc
	Aug. 18	51.5		June 30	bc
	Sep. 8	48.3			
	Oct. 20	35.8	C-911-O-13 12.0	Jan. 2	4.1
	Nov. 10	31.8		Feb. 11	5.8
	Dec. 1	26.5		Mar. 5	9.5
C-908b-M-12 46.4	Jan. 4	28.0		Apr. 16	10.0
	Jan. 24	27.2		May 7	11.7
	Mar. 7	35.3		June 18	12.6
	Mar. 28	35.0		July 8	14.4
	May 9	40.3		Aug. 7	18.3
	May 30	39.3		Sep. 10	16.6
	July 11	49.4		Oct. 1	16.9
	Aug. 1	56.8		Nov. 12	12.2
	Sep. 12	47.0		Dec. 3	11.0
	Oct. 3	46.5	C-911b-N-13 14.	Jan. 21	b 7.1
	Nov. 14	42.1		Feb. 26	b 12.3
	Nov. 24	43.9		Mar. 21	b 13.0
	Dec. 4	39.0		Apr. 23	b 12.2
	Dec. 27	33.7		May 21	b 12.7
C-908e-M-12 32.5	Apr. 16	a 29.7		June 30	b 15.3
	Nov. 24	a 27.4		July 30	b 20.3
C-909-N-13 22.8	Jan. 21	b 1.4		Aug. 29	b 24.4
	Feb. 26	b 11.7		Sep. 30	b 22.4
	Mar. 21	b 16.7		Oct. 31	b 22.2
	June 30	b 30.5		Nov. 26	b 21.6
	July 30	b 38.2		Dec. 18	b 20.0
	Aug. 29	b 38.4	C-911f-O-12 8.5	Jan. 4	b 6.9
	Oct. 31	b 20.4		Feb. 1	b 5.6
	Nov. 26	b 17.6		Feb. 15	b 5.3
	Dec. 18	b 13.1		Mar. 8	b 5.8
C-910b-O-13 8.1	Apr. 16	a 6.6		Apr. 5	b 6.7
	Nov. 24	a 8.2		May 3	b 7.2
				June 2	b 7.8
				July 7	b 8.7
				Aug. 4	b 10.4

a Measurement from Los Angeles County Flood Control District.

b Measurement from Orange County Flood Control District.

c Water below obstruction at 41+ feet.

Measurements by San Gabriel Valley Protective Association from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-911f-O-12 Cont.	Sep. 2	11.6	C-914b-N-12 31.4	Jan. 21	21.2
	Oct. 6	12.4		Feb. 26	29.4
	Oct. 20	12.5		Mar. 21	28.5
	Nov. 3	12.4		Apr. 23	31.9
	Dec. 1	11.9		May 21	32.1
				June 30	33.8
C-912b-O-13 32.0	Jan. 10	11.6		July 30	38.5
	Feb. 1 a	13.9		Aug. 29	39.4
	Mar. 1	23.1		Sep. 30	36.3
	Mar. 22 a	25.1		Oct. 31	33.3
	Apr. 5	24.2		Nov. 26	31.6
	May 3	28.8		Dec. 18	29.3
	June 9	26.2			
	June 30	31.0	C-926-M-11 68.9	Jan. 6 b	93.0
	Aug. 4 a	38.1		Feb. 3 b	90.1
	Sep. 2	35.0		Feb. 24 b	83.7
	Sep. 29	32.8		Mar. 17 b	88.1
	Nov. 3	28.6		Apr. 7 b	90.8
	Dec. 1	24.7		May 5 b	97.8
				June 2 b	99.4
C-912c-O-13 21.4	Jan. 2 b	5.3		July 7 b	107.0
	Feb. 11 b	10.5		Aug. 4 b	110.2
	Mar. 5 b	17.1		Sep. 1 b	111.4
	Apr. 16 b	22.1		Oct. 6 b	110.0
	May 7 b	23.0		Nov. 3 b	99.6
	June 18 b	25.0		Dec. 1 b	101.2
	July 8 b	28.7			
	Aug. 7 b	34.3	C-927c-N-14 48.3	Jan. 10	25.1
	Sep. 10 b	29.6		Feb. 7	32.9
	Oct. 1 b	28.4		Mar. 5	37.6
	Nov. 12 b	20.7		Oct. 7	49.4
	Dec. 3 b	17.0		Nov. 12	43.8
				Dec. 9	37.2
C-913c-N-11 37.5	Jan. 8 c	35.4			
	Feb. 4 c	35.6	C-929f-L-11 53.8	Jan. 6 b	53.7
	Mar. 10 c	35.4		Feb. 3 b	52.5
	Apr. 7 c	35.6		Mar. 3 b	60.8
	May 12 c	35.6		Apr. 7 b	53.5
	June 2 c	34.7		May 5 b	65.4
	July 1 c	35.5		June 2 b	66.2
	Aug. 4 c	35.6		July 7 b	79.3
	Oct. 6 c	35.7		Aug. 4 b	84.0
	Nov. 17 c	35.7		Sep. 1 b	84.0
	Dec. 15 c	35.8		Oct. 6 b	80.8

a Pumping 75 feet west.

b Measurement by San Gabriel Valley Protective Association from Los Angeles County Flood Control District.

c Measurement from Los Angeles County Flood Control District.

Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-929f-L-11	Nov. 3	a 75.2	C-950n-M-14	Jan. 10	37.8
Cont.	Dec. 1	a 71.0	63.2	Feb. 7	35.8
				Apr. 7	42.0
C-937b-N-11	Dec. 1	b 65.2		May 7	62.4
35.1				June 11	64.6
				July 11	67.2
C-938c-N-11	Jan. 6	ac		Sep. 12	74.3
22.5				Oct. 7	69.1
				Nov. 12	69.4
C-942a-K-14	Jan. 23	a 64.3		Dec. 9	47.3
144.	May 29	a 67.1			
	June 19	a 69.8	C-957-H-11	Jan. 1	d 90.
	July 31	a 75.6	303.0	Mar. 1	d 90.
	Sep. 11	a 81.6		May 1	d 90.
	Oct. 2	a 81.1		June 30	d 90.
	Oct. 23	a 77.7		Aug. 31	d 92.
	Nov. 13	a 76.7		Oct. 31	d 90.
	Dec. 4	a 75.2		Dec. 31	d 90.
	Dec. 26	a 74.3			
C-950a-M-14	Jan. 20	40.5	C-960-I-11	Jan. 1	d 154.
73.3	Feb. 18	40.7	192.9	Mar. 1	d 155.
	Mar. 19	60.1		May 1	d 155.
	May 20	70.7		June 30	d 161.
	July 29	88.2		Aug. 31	d 165.
	Sep. 26	77.1		Oct. 31	d 165.
	Oct. 24	69.7		Dec. 31	d 164.
	Nov. 28	64.3	C-961-I-11	Jan. 1	d 154.
	Dec. 30	52.8	197.1	Mar. 1	d 154.
				May 1	d 156.
C-950e-M-13	Jan. 20	14.8		June 30	d 159.
49.5	Feb. 18	14.0		Aug. 31	d 165.
	Mar. 19	20.3		Oct. 31	d 164.
	Apr. 16	30.1		Dec. 31	d 160.
	May 20	38.7			
	June 27	46.6	C-962-I-11	Jan. 1	d 139.
	July 29	55.5	196.0	Mar. 1	d 139.
	Aug. 22	54.5		May 1	d 144.
	Sep. 26	49.2		June 30	d 145.
	Oct. 24	39.2		Aug. 31	d 153.
	Nov. 28	31.6		Oct. 31	d 151.
	Dec. 20	24.2		Dec. 31	d 145.

a Measurement by San Gabriel Valley Protective Association from Los Angeles County Flood Control District.

b Measurement from Los Angeles County Flood Control District.

c Well filled with broken concrete.

d Measurement by owner from Los Angeles County Flood Control District.

Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-963-I-11 228.3	Jan. 1	a 183.	C-974m-L-16 Cont.	Oct. 3	150.8
	Mar. 1	a 183.		Nov. 7	150.4
	May 1	a 186.		Dec. 5	148.7
	June 30	a 188.	C-974n-M-16 197.8	Jan. 6	149.0
	Aug. 31	a 195.		Feb. 19	144.9
	Oct. 31	a 192.		Mar. 18	b 149.5
	Dec. 31	a 189.		Apr. 1	142.6
C-965-I-11 159.5	Jan. 1	a 103.		Apr. 18	b 148.7
	Mar. 1	a 106.		May 2	144.8
	May 1	a 111.		June 4	147.2
	June 30	a 113.		July 9	b 155.7
	Aug. 31	a 117.		Aug. 13	b 160.0
	Oct. 31	a 115.		Sep. 10	b 163.4
	Dec. 31	a 112.		Oct. 8	b 165.4
C-966-I-11 145.5	Jan. 1	a 80.		Nov. 5	161.4
	Mar. 1	a 82.		Dec. 4	161.0
	May 1	a 91.	C-975-L-16 155.6	Jan. 7	108.6
	June 30	a 97.		Feb. 4	107.3
	Aug. 31	a 103.		Mar. 4	107.5
	Oct. 31	a 104.		Apr. 4	106.5
	Dec. 31	a 98.		May 6	109.1
C-968-K-15 350.9	Jan. 29	50.2		June 10	110.0
	Mar. 28	52.2		July 1	111.0
	Apr. 21	52.3		Aug. 5	113.2
	Oct. 23	50.3		Sep. 5	115.1
C-969a-K-16 386.9	Jan. 29	102.9		Oct. 3	114.6
	Mar. 28	102.9		Nov. 7	116.3
	Oct. 23	112.1		Dec. 5	115.4
C-973b-L-16 249.	Jan. 29	91.6	C-975k-L-16 141.4	Jan. 7	98.1
	Mar. 28	92.0		Feb. 4	96.8
	Apr. 21	94.0		Mar. 4	96.4
C-974m-L-16 176.2	Jan. 7	137.4		Apr. 4	98.4
	Feb. 4	135.5		May 6	107.7
	Mar. 4	135.3		June 10	108.8
	Apr. 4	135.3		Aug. 5	117.5
	May 6	138.9		Sep. 5	119.7
	June 10	139.7		Oct. 3	114.7
	July 1	142.2		Nov. 7	112.9
	Aug. 5	147.5	C-975w-M-15 148.3	Dec. 5	108.2
	Sep. 5	149.9		Jan. 11	103.7
				Feb. 1	108.6
				Mar. 1	104.6

a Measurement by owner from Los Angeles County Flood Control District.

b Pumping nearby.

Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-975w-M-15 Cont.	Apr. 5	103.3	C-978a-M-16 Cont.	Mar. 1	116.0
	May 3	107.7		Apr. 5	125.2
	June 2	107.4		May 3	121.9
	July 7	114.1		June 2	125.0
	Aug. 4	120.9		June 30	125.5
	Sep. 2	121.8		July 28	130.4
	Sep. 22	124.4		Sep. 2	132.5
	Oct. 6	118.6		Sep. 15	136.2
	Nov. 3	112.8		Oct. 6	131.0
	Dec. 1	109.4		Nov. 3	132.9
				Dec. 1	126.4
C-976c-M-15 152.9	Jan. 1 ab	116.	C-980-L-15 113.3	Jan. 20	72.5
	Feb. 1 ab	117.		Feb. 18	71.5
	Mar. 1 ab	116.		Mar. 19	74.4
	Apr. 1 ab	117.		Apr. 22	82.4
	May 1 ab	122.		May 20	88.0
	June 1 ab	125.		June 27	90.0
	July 1 ab	122.		July 29	96.8
	Aug. 1 ab	131.		Aug. 22	97.4
	Sep. 1 ab	129.		Sep. 26	93.3
	Oct. 1 ab	129.		Oct. 24	90.9
	Nov. 1 ab	130.		Nov. 28	86.8
	Dec. 1 ab	128.		Dec. 30	85.1
C-977b-M-16 167.9	Jan. 7	125.4	C-982L-M-14 91.1	Jan. 10	42.9
	Feb. 4	123.3		Feb. 7	42.3
	Mar. 4	122.6		Mar. 5	43.7
	Apr. 4	123.1		Apr. 7	43.9
	May 6	129.5		May 7	46.0
	June 10	129.5		June 11	47.0
	Aug. 5	143.2		July 11	49.5
	Oct. 3	141.7		Aug. 6	49.5
	Nov. 7	141.6		Sep. 12	49.8
	Dec. 5	141.3		Oct. 7	49.7
C-978-M-16 174.0	Jan. 6	130.3		Nov. 12	49.8
	Feb. 3	129.9		Dec. 9	47.4
	Mar. 3	127.1	C-983-M-14 92.6	Jan. 10	44.6
	Apr. 2	127.6		Feb. 7	44.2
	June 3	132.9		Mar. 5	44.0
	Aug. 1	145.1		Apr. 7	44.3
	Sep. 3	147.0		May 7	45.5
	Nov. 4	155.4		June 11	46.4
C-978a-M-16 150.2	Jan. 4	114.5		July 11	47.6
	Feb. 1	113.8		Aug. 6	48.7

a Measurement from owner.

b Air gage - pumping.

Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
C-983-M-14	Sep. 12	48.0	C-986e-N-15	Nov. 14	94.6
Cont.	Oct. 7	48.5	Cont.	Dec. 11	92.7
	Nov. 12	49.4			
	Dec. 9	49.2	C-991e-O-13	Jan. 9	6.8
C-983e-M-15	Jan. 7	74.7	18.2	Feb. 6	13.0
108.5	Feb. 4	72.5		Mar. 6	20.2
	Mar. 4	75.9		Apr. 3	16.4
	Apr. 4	81.4		May 1	18.0
	May 6	88.7		June 5	17.1
	July 1	90.4		July 2	20.7
	Oct. 3	93.6		Aug. 7	25.3
	Nov. 7	89.0		Aug. 28	23.5
	Dec. 5	80.6		Sep. 18	25.1
C-984b-N-14	Jan. 2	33.2		Oct. 2	24.5
60.7	Feb. 6	33.0		Oct. 30	20.4
	Mar. 6	34.9		Dec. 3	15.4
	Apr. 10	42.6	C-992b-P-14	Jan. 13	9.2
	May 8	46.4	22.2	Mar. 11	21.1
	June 5	45.9		Apr. 9	17.2
	July 10	50.9		May 12	17.9
	July 31	54.2		June 16	18.8
	Sep. 4	52.9		July 16	22.8
	Oct. 2	51.3		Aug. 12	24.6
	Oct. 30	46.9		Sep. 17	22.9
	Dec. 3	43.6		Oct. 15	20.8
C-985-N-14	Jan. 10	30.2		Nov. 18	18.6
60.6	Feb. 7	30.3		Dec. 12	15.4
	Mar. 5	32.1	C-992e-P-13	Jan. 18	5.9
	June 11	42.1	15.4	Feb. 15	16.4
	Aug. 6	46.9		Apr. 12	12.2
	Oct. 7	44.6		May 16	12.8
	Dec. 9	37.5		June 3	13.2
C-986e-N-15	Jan. 17	84.8		July 14	17.2
111.7	Feb. 5	84.0		Aug. 18	17.9
	Mar. 7	84.5		Sep. 15	18.9
	Apr. 8	86.4		Oct. 6	18.4
	May 9	88.0		Nov. 3	14.8
	June 16	90.8		Dec. 1	12.2
	Aug. 8	94.7	C-993-P-14	Jan. 13	12.3
	Sep. 16	96.2	27.9	Mar. 11	25.6
	Oct. 10	96.1		Apr. 9	21.5
				May 12	22.1

Measurements from Orange County Flood Control District.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-993-P-14	June 16	22.3	C-999f-P-14	Jan. 13	38.3
Cont.	July 16	24.8	49.1	Feb. 10	44.4
	Aug. 12	29.4		Mar. 11	47.1
	Sep. 17	27.1		Apr. 9	42.9
	Oct. 15	25.1		May 12	45.6
	Nov. 18	23.6		June 16	45.7
	Dec. 12	19.6		July 16	49.2
				Aug. 12	51.3
C-997-P-14	Jan. 13	52.0		Sep. 17	48.8
56.1	Feb. 10	53.8		Oct. 15	47.0
	Mar. 11	55.7	C-1056-M-16	Jan. 6	146.9
	Apr. 9	56.2	201.2	Feb. 3	136.7
	May 12	55.4		June 3	146.8
	June 16	55.3		Dec. 2	166.8
	July 16	57.1			
	Aug. 12	58.1	C-1058-M-17	Jan. 4	a 163.0
	Sep. 17	58.5	203.8	Feb. 1	a 152.2
	Oct. 15	57.1		Feb. 15	a 150.6
	Nov. 18	56.5		Mar. 1	a 160.6
	Dec. 12	55.9		Mar. 15	a 151.5
				Mar. 29	a 152.6
C-997c-Q-14	Jan. 13	28.9		Dec. 1	a 176.0
32.6	Feb. 10	28.7	C-1059-M-17	Jan. 2	159.5
	Mar. 11	29.1	207.4	Feb. 6	159.5
	Apr. 9	29.7		Mar. 6	151.3
	May 12	29.4		Apr. 3	155.4
	June 16	29.7		May 1	156.6
	July 16	29.9		June 5	158.6
	Aug. 12	29.2		July 2	162.6
	Sep. 17	29.9		Aug. 7	169.4
	Oct. 15	29.8		Sep. 4	174.8
	Nov. 18	29.8		Oct. 2	176.8
	Dec. 12	29.7		Oct. 30	180.2
				Dec. 3	178.2
C-997d-Q-14	Jan. 13	47.6	C-1065-M-16	Jan. 6	151.9
52.8	Feb. 10	48.2	202.0	Feb. 3	148.1
	Mar. 11	50.0		Mar. 3	145.1
	Apr. 9	51.4		Apr. 2	144.8
	May 12	51.5		May 5	148.2
	June 16	51.3		June 3	148.9
	July 16	51.6		July 8	154.2
	Aug. 12	52.2		Aug. 1	158.4
	Sep. 17	52.9		Sep. 3	162.6
	Oct. 15	53.0			
	Nov. 18	52.7			
	Dec. 12	52.0			

a Measurement from Santa Ana Valley Irrigation District.

Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
----------------------------------	------	---

1947

C-1065-M-16	Oct. 1	165.3
Cont.	Nov. 4	166.1
	Dec. 2	165.2

C-1073-M-17	Jan. 6	161.2
211.5	Feb. 3	156.1
	Mar. 3	152.4
	June 3	151.7
	Aug. 1	161.1

C-1078d-M-17	Jan. 6	145.8
238.4	Feb. 3	111.0
	Mar. 3	106.3
	Apr. 2	107.0
	May 5	a 138.4
	Sep. 3	a 170.3
	Oct. 1	a 170.1
	Dec. 2	a 176.0

C-1079a-M-17	Jan. 6	122.8
248.3	Feb. 3	89.0
	Apr. 2	100.0
	May 5	119.9
	Aug. 1	146.7
	Sep. 3	149.9
	Nov. 4	171.3
	Dec. 2	170.4

C-1082-L-18	Jan. 2	36.8
260.5	Feb. 6	25.7
	Mar. 6	21.2
	Apr. 3	20.6
	May 8	30.0
	June 5	37.3
	July 2	42.3
	Aug. 14	52.1
	Sep. 18	58.7
	Oct. 16	63.6
	Oct. 30	66.1
	Dec. 3	69.6

C-1085-L-17	Jan. 6	157.5
245.	Feb. 3	147.9
	Mar. 3	128.2
	May 5	140.9
	June 3	131.6
	Aug. 1	147.5

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
----------------------------------	------	---

1947

C-1085-L-17	Sep. 3	162.2
Cont.	Oct. 1	168.9
	Nov. 4	174.2
	Dec. 2	174.9

C-1089-L-16	Jan. 6	173.7
228.8	Feb. 3	169.1
	Mar. 3	164.9
	Apr. 2	163.4
	May 5	165.5
	July 8	171.6
	Aug. 1	175.2
	Sep. 3	180.5
	Oct. 1	183.0
	Nov. 4	189.4
	Dec. 2	186.9

C-1097-L-17	Jan. 29	164.8
336.2	Mar. 28	164.8
	Apr. 21	163.3
	Oct. 23	164.4

C-1105a-N-17	Jan. 22	205.5
246.2	Feb. 17	202.8
	Apr. 15	201.6
	May 19	203.7
	June 23	206.0
	July 25	209.8
	Aug. 20	213.4
	Sep. 24	217.0
	Oct. 22	218.8
	Nov. 25	218.1
	Dec. 19	216.5

C-1105b-M-17	Jan. 22	233.8
273.5	Feb. 17	231.6
	Mar. 17	230.1
	Apr. 15	229.1
	May 19	232.5
	June 23	234.7
	July 25	238.8
	Aug. 20	243.0
	Sep. 24	246.7
	Oct. 22	248.5
	Nov. 25	247.9
	Dec. 19	246.4

a Pumping nearby.

Measurements from Orange County Flood Control District.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-1109g-N-18 331.5	Jan. 22	288.7	C-1121b-N-17 Cont.	Nov. 25	150.9
	Feb. 17	286.5		Dec. 19	148.3
	Mar. 17	284.6	C-1122b-N-16 162.7	Jan. 6	126.1
	Apr. 15	287.3		Feb. 3	124.7
	May 19	289.9		Mar. 3	125.5
	July 25	296.1		Apr. 2	126.6
	Aug. 20	301.3		May 5	125.9
	Sep. 24	304.6		June 3	131.9
	Oct. 22	308.4		July 8	127.1
	Nov. 25	305.3		Aug. 1	128.3
	Dec. 19	300.1		Sep. 3	131.1
C-1109i-N-18 427.	Mar. 17	61.4		Oct. 1	134.4
	Nov. 25	66.6		Nov. 4	133.2
				Dec. 2	133.4
C-1112-N-18 290.4	Jan. 4 a	250.3	C-1123b-N-16 145.	Jan. 4	106.7
	Feb. 1 a	248.0		Feb. 1	105.4
	Mar. 1 a	246.1		Mar. 1	126.6
	Mar. 29 a	246.6		Apr. 5	105.3
	Dec. 1 a	268.0		Apr. 26	107.9
C-1113-N-17 251.7	Jan. 8	211.6		June 2	109.0
	Feb. 5	209.0		June 23	111.2
	Mar. 31	208.7		July 21	113.4
	Apr. 15	219.2		Sep. 2	116.6
	May 28	214.8		Sep. 29	117.4
	June 26	219.5		Nov. 3	118.4
C-1120-N-16 151.4	Jan. 2	115.1		Dec. 1	115.2
	Feb. 6	113.9	C-1126b-M-16 175.3	Jan. 4	130.6
	Mar. 6	113.9		Feb. 1	128.5
	Apr. 3	113.6		Mar. 1	128.0
	May 1	115.8		Apr. 19	132.7
	June 5	116.6		May 3	132.6
	July 2	118.1		June 9	134.0
	Aug. 7	121.9		July 7	139.2
	Sep. 4	123.5		Aug. 4	140.3
	Oct. 2	124.4		Sep. 8	144.7
	Oct. 30	125.0		Sep. 22	148.4
	Dec. 3	124.0		Oct. 20	146.8
C-1121b-N-17 179.4	Jan. 22	136.5		Nov. 10	143.3
	Feb. 17	134.3		Dec. 1	141.5
	Mar. 17	133.0	C-1128a-N-16 140.1	Jan. 17	111.5
	Apr. 15	137.5		Feb. 5	110.5
	May 19	137.6		Mar. 7	110.4
	Oct. 22	151.9		Apr. 8	111.4

a Measurement from Santa Ana Valley Irrigation Company.

Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
C-1128a-N-16 Cont.	May 9	112.3	C-1140e-N-16 119.	Jan. 17	92.7
	June 16	113.6		Feb. 5	92.5
	Aug. 8	118.1		May 9	98.3
	Sep. 16	119.9		June 16	98.6
	Oct. 10	120.9		Aug. 8	103.3
	Nov. 14	123.0		Sep. 16	104.6
	Dec. 11	119.2		Dec. 11	101.7
C-1129m-N-16 136.1	Jan. 17	105.6	C-1150b-N-17 206.3	Jan. 11 a	169.5
	Feb. 5	104.6		Feb. 1 a	169.9
	Mar. 7	106.3		Mar. 1 a	167.1
	May 9	110.2		Mar. 15 a	169.2
	June 16	111.6		Mar. 29 a	168.0
	July 15	114.2		Apr. 5 a	168.8
	Aug. 8	116.4		Dec. 1 a	185.0
	Sep. 16	117.4			
	Dec. 11	114.3	C-1151a-0-16 120.	Jan.	b 87.
C-1130a-N-15 107.3	Jan. 17	79.9		Feb.	b 89.
	Feb. 5	80.5		Mar.	b 93.
	Mar. 7	80.5		Apr.	b 94.
	Apr. 8	82.2		May	b 94.
	May 9	84.7		June	b 96.
	June 16	89.0		July	b 102.
	July 15	89.4		Aug.	b 102.
	Aug. 8	91.2		Sep.	b 102.
	Sep. 16	92.8		Oct.	b 101.
	Oct. 10	94.5		Nov.	b 100.
	Nov. 14	90.6		Dec.	b 97.
	Dec. 11	88.4	C-1153b-0-15 91.9	Jan. 17	65.2
C-1131-N-17 162.1	Jan. 22	119.5		Feb. 5	64.9
	Feb. 17	118.4		Mar. 7	68.7
	Mar. 17	117.1		Apr. 8	71.8
	Apr. 15	119.0		May 9	76.4
	May 19	119.8		June 16	77.9
	June 23	122.0		Aug. 8	81.9
	July 25	124.5		Sep. 16	83.7
	Aug. 20	127.0		Oct. 10	81.2
	Sep. 24	128.8		Nov. 14	76.8
	Oct. 22	130.1		Dec. 11	74.1
	Nov. 25	130.1	C-1157a-N-15 84.9	Jan. 4	58.0
	Dec. 19	129.2		Feb. 1	58.4

a Measurement from Santa Ana Valley Irrigation Company.

b Measurement by City of Santa Ana.

Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
C-1157a-N-15	Mar. 1	61.7	C-1168-O-15	Sep. 16	73.6
Cont.	Mar. 29	63.8	Cont.	Oct. 10	66.3
	Apr. 19	a 70.7		Nov. 14	61.7
	May 3	a 69.1		Dec. 11	57.2
	May 16	67.8			
	June 2	a 69.3	C-1180-P-17	Jan. 14	18.8
	June 30	a 73.2	38.3	Feb. 11	25.6
	Aug. 4	a 75.8		Mar. 12	37.4
	Sep. 2	a 75.0		Apr. 11	40.1
	Sep. 29	75.2		May 13	35.2
	Nov. 3	71.4		June 17	42.3
	Dec. 1	67.6		July 22	48.5
C-1160a-O-16	Jan. 17	59.0		Aug. 15	47.2
88.1	Feb. 5	60.0		Sep. 19	40.3
	Mar. 7	64.6		Oct. 17	38.1
	Apr. 8	66.5		Nov. 19	34.8
	May 9	70.6		Dec. 16	30.4
	June 16	71.9	C-1191-O-16	Jan.	b 84.
	July 15	77.0	113.3	Feb.	b 86.
	Aug. 8	76.5		Mar.	b 88.
	Sep. 16	77.0		Apr.	b 90.
	Oct. 10	74.6		May	b 91.
	Nov. 14	70.1		June	b 93.
	Dec. 11	66.6		July	b 113.
C-1162-O-16	Jan. 17	65.3		Aug.	b 108.
96.8	Feb. 5	65.5		Sep.	b 99.
	Mar. 7	68.0		Oct.	b 96.
	Apr. 8	69.8		Nov.	b 94.
	May 9	72.0		Dec.	b 91.
	June 16	75.1	C-1193a-O-17	Jan. 22	129.4
	July 15	76.7	171.1	Feb. 17	128.1
	Aug. 8	78.1		Mar. 17	127.3
	Sep. 16	78.8		Apr. 15	130.1
	Oct. 10	77.4		May 19	132.2
	Nov. 14	75.7		June 23	134.2
	Dec. 11	73.2		July 25	136.1
C-1168-O-15	Jan. 17	49.9		Aug. 20	139.8
75.5	Feb. 5	51.2		Sep. 24	142.3
	Mar. 7	57.8		Oct. 22	143.6
	Apr. 8	59.6		Nov. 25	142.9
	May 9	62.7		Dec. 19	140.9
	July 15	66.0	C-1195b-O-18	Jan. 2	143.6
	Aug. 8	70.5	180.8	Jan. 30	141.4

a Shut down to measure. Well has quick recovery.

b Measurement by City of Santa Ana.

Measurements from Orange County Flood Control District.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet		Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947				1947	
C-1195b-O-18	Mar. 6	140.0		C-1206b-P-17	May 13	72.6
Cont.	Mar. 31	143.3		Cont.	July 22	79.4
	Apr. 24	155.2			Sep. 19	79.8
	May 1	152.2			Oct. 17	79.4
	May 29	150.7			Nov. 19	74.3
	July 2	155.5			Dec. 16	68.1
	July 31	159.7		C-1207-O-18	Jan. 15	48.0
	Sep. 4	164.1		97.5	Feb. 14	47.0
	Oct. 2	167.4			Mar. 14	b
	Oct. 31	161.8				
	Dec. 3	160.4		C-1208b-P-18	Mar. 13	c 54.1
C-1197-O-17	Jan. 22	105.4		86.8	Aug. 21	c 90.0
151.6	Feb. 17	104.4			Dec. 3	c 73.8
	Mar. 17	102.3		C-1208i-P-18	Mar. 10	c 82.6
	Apr. 15	104.1		118.7		
	May 19	107.7		C-1211a-P-18	Jan. 15	69.9
	June 23	108.8		105.9	Feb. 14	65.4
	July 25	107.5			Apr. 14	89.4
	Aug. 20	112.7			Sep. 23	142.1
	Sep. 24	114.5		C-1211c-P-18	Jan. 15	117.1
	Oct. 22	115.6		156.5	Feb. 14	112.9
	Nov. 25	114.4			Mar. 14	c 126.8
	Dec. 19	113.8			Apr. 14	123.8
C-1198-O-17	Jan. 8	116.6			June 18	152.4
148.7	Feb. 5	115.0			Nov. 21	149.6
	Mar. 31	115.6			Dec. 18	139.5
	Apr. 15	122.0				
	May 28	124.0				
C-1201-P-15	Jan. 13	23.7		C-1211k-P-18	Jan. 15	39.1
45.8	Feb. 10	30.3		77.7	Feb. 14	34.4
	Mar. 11	41.5			Apr. 14	105.4
	Apr. 9	35.3			May 14	80.6
	May 12	40.5			Aug. 19	91.5
	June 16	a			Sep. 23	88.4
	Oct. 15	a			Oct. 21	86.1
	Nov. 18	35.9			Nov. 21	76.2
	Dec. 12	31.0			Dec. 18	70.2
C-1206b-P-17	Jan. 14	55.0		C-1216b-P-19	Jan. 15	177.8
85.	Feb. 11	55.8		220.2	Feb. 14	174.7
	Mar. 12	59.6			Mar. 14	173.8
	Apr. 11	65.5			Apr. 14	181.3

a Water below obstruction at 43.5 feet.

b Destroyed.

c Measurement from owner.

Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-1216b-P-19	June 23	196.7	C-1222n-P-18	Mar. 12	c 80.3
Cont.	Aug. 23	217.7	99.4	Dec. 12	c 99.3
	Sep. 19	210.9			
	Dec. 18	201.9	C-1224-Q-18	Jan. 15	b 53.4
			96.	Feb. 14	b 52.4
C-1217a-Q-19	Jan. 15	238.5		Mar. 14	b 52.6
283.4	Feb. 14	237.0		Apr. 14	b 56.8
	Mar. 14	237.8		May 14	64.0
	Apr. 14	a 242.3		June 18	64.5
	May 14	a 251.8		July 23	b 69.9
	June 18	254.0		Aug. 19	b 76.0
	July 23	b 265.2		Sep. 23	69.1
	Aug. 19	b 273.0		Oct. 21	b 67.7
	Sep. 23	274.9		Nov. 21	64.1
	Oct. 21	272.8		Dec. 18	59.5
	Nov. 21	252.7			
	Dec. 18	246.9	C-1225-Q-18	Jan. 15	8.1
			101.0	Mar. 14	8.4
C-1220a-Q-18	Feb. 14	78.1		May 14	9.4
155.2	Mar. 14	76.9		June 18	9.8
	Apr. 14	80.4		July 23	10.1
	May 14	80.7		Aug. 19	10.4
	June 18	82.9		Sep. 23	10.3
	July 23	83.4		Nov. 21	10.9
	Aug. 19	84.1		Dec. 18	10.7
	Sep. 23	85.2			
	Oct. 21	85.9	C-1227c-P-18	Mar. 12	c 57.8
	Nov. 21	85.5	69.7	Dec. 11	c 87.2
	Dec. 18	84.2			
C-1220p-Q-19	Jan. 15	151.0	C-1227f-Q-17	Mar. 13	c 37.2
221.2	Feb. 14	151.2	45.0		
	Mar. 14	149.5			
	Apr. 14	156.5	C-1230-P-17	Jan. 14	18.9
	June 18	161.5	54.2	Feb. 11	20.5
	Aug. 19	156.4		Mar. 12	24.2
	Sep. 23	155.9		Apr. 11	22.0
	Oct. 21	151.2		May 13	22.1
	Nov. 21	156.3		June 17	22.6
	Dec. 18	151.9		July 22	26.3
				Aug. 15	26.0
C-1220t-Q-19	Mar. 13	c 133.3		Sep. 19	26.2
178.2	Dec. 12	c 141.4		Oct. 17	25.1
				Nov. 19	25.0
				Dec. 16	24.1

a Shut down to measure.

b Pumping nearby.

c Measurement from owner.

Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-1231b-P-17 40.9	Jan. 14	20.4	C-1243-Q-16	Nov. 19	20.4
	Feb. 11	23.4	Cont.	Dec. 16	19.8
	Mar. 12	33.2			
	May 13	40.7	C-1249-Q-16	Jan. 14	28.0
	June 17	45.8	40.2	Feb. 11	45.6
	July 22	59.1		Apr. 11	44.6
	Aug. 15	53.2		May 13	39.6
	Sep. 19	45.2		June 17	40.1
	Oct. 17	43.9		July 22	48.4
	Nov. 19	38.7		Aug. 15	50.8
	Dec. 16	33.8		Sep. 19	46.4
				Oct. 17	41.9
C-1232-P-17 75.7	Jan. 14	28.9		Nov. 19	39.0
	Feb. 11	28.0		Dec. 16	37.2
	Mar. 12	28.7			
	Apr. 11	30.9	C-1250-P-15	Jan. 11	24.7
	May 13	32.2	37.6	Feb. 1	28.4
	June 17	31.6		Mar. 1	30.4
	July 22	33.0		Mar. 29	33.3
	Aug. 15	34.3		May 3	29.8
	Sep. 19	34.9		June 9	29.6
	Oct. 17	34.2		June 30	30.1
	Nov. 19	34.9		Aug. 4	31.9
	Dec. 16	32.4		Sep. 8	32.2
				Oct. 6	32.0
C-1237L-P-17 35.2	Jan. 14	10.2		Nov. 3	30.6
	Feb. 11	17.3		Dec. 1	30.2
	Mar. 12	21.5			
	Apr. 11	22.3	C-1255-P-15	Jan. 13	12.8
	May 13	20.1	28.0	Feb. 10	23.5
	June 17	22.9		Mar. 11	32.9
	July 22	24.1		Apr. 9	26.3
	Aug. 15	32.0		May 12	23.1
	Sep. 19	27.3		June 16	23.5
	Oct. 17	24.2		July 16	33.6
	Nov. 19	22.9		Aug. 12	34.1
	Dec. 16	18.8		Sep. 17	32.2
				Oct. 15	25.6
C-1243-Q-16 40.1	Jan. 14	18.8		Nov. 18	21.1
	Feb. 11	18.3		Dec. 12	18.0
	Mar. 12	18.7			
	Apr. 11	20.7	C-1257-Q-15	Jan. 13	5.7
	May 13	20.2	12.7	Feb. 10	18.0
	June 17	23.0		Mar. 11	22.4
	July 22	22.4		Apr. 9	15.9
	Aug. 15	21.8		May 12	13.6
	Sep. 19	22.2		June 16	14.2
	Oct. 17	21.8		July 16	18.7

Measurements from Orange County Flood Control District.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
C-1257-Q-15 Cont.	Aug. 12	20.3	C-1263a-Q-14 Cont.	July 31	8.1
	Sep. 17	20.0		Sep. 4	8.8
	Oct. 15	13.9		Oct. 2	7.9
	Nov. 18	11.4		Oct. 30	6.2
	Dec. 12	9.4		Dec. 3	5.4
C-1263-Q-14 4.9	Jan. 2	6.2	C-1264-Q-14 5.8	Jan. 13	7.7
	Feb. 6	6.2		Feb. 10	11.9
	Mar. 6	6.2		Mar. 11	12.0
	Apr. 3	6.3		Apr. 9	8.3
	May 1	6.3		May 12	7.7
	May 29	6.4		Aug. 12	8.6
	July 2	7.3		Sep. 17	8.4
	July 31	8.3		Oct. 15	7.5
	Sep. 4	8.9		Nov. 18	7.1
	Oct. 2	8.4		Dec. 12	6.2
	Oct. 30	8.0			
	Dec. 3	7.6	C-1265-Q-15 6.6	Jan. 13	8.9
C-1263a-Q-14 6.8	Jan. 2	5.3		Feb. 10	17.0
	Jan. 30	9.0		Mar. 11	16.4
	Feb. 27	15.4		Apr. 9	10.7
	Apr. 3	10.5		May 12	11.2
	May 1	8.1		June 16	7.6
	May 12	7.4		July 16	9.5
	May 22	9.6		Aug. 12	10.6
	May 29	7.4		Sep. 17	9.9
	June 19	6.6		Oct. 15	8.2
	July 2	7.8		Nov. 18	8.1
				Dec. 12	7.4

Measurements from Orange County Flood Control District.

Date	Time	Lat.	Long.	Alt.	Wind	Weather
1917	11:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	11:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	11:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	12:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	12:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	12:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	12:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	13:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	13:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	13:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	13:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	14:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	14:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	14:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	14:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	15:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	15:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	15:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	15:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	16:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	16:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	16:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	16:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	17:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	17:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	17:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	17:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	18:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	18:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	18:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	18:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	19:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	19:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	19:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	19:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	20:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	20:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	20:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	20:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	21:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	21:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	21:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	21:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	22:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	22:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	22:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	22:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	23:00	34° 15' N	122° 00' W	10.0	SE	Clear
1917	23:15	34° 15' N	122° 00' W	10.0	SE	Clear
1917	23:30	34° 15' N	122° 00' W	10.0	SE	Clear
1917	23:45	34° 15' N	122° 00' W	10.0	SE	Clear
1917	24:00	34° 15' N	122° 00' W	10.0	SE	Clear

Continued on Page Three (Sheet 3) of Logbook

SOUTH COASTAL BASIN INVESTIGATION

Records of Ground Water Levels at Wells
in District "D"

THE UNIVERSITY OF CHICAGO
LIBRARY OF THE DIVISION OF THE PHYSICAL SCIENCES
540 EAST 58TH STREET
CHICAGO, ILL. 60637

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
D-703a-H-20 990.	Mar. 20	a 262.2	D-716-G-21 1212.8	Jan. 6	485.
	Dec. 18	a 260.3		Feb. 10	485.
D-705-F-20 1831.5	Jan. 22	150.2		Mar. 3	484.
	Feb. 5	147.0		Apr. 7	484.
	Mar. 6	132.5		May 5	484.
	May 28	130.0		June 2	484.
	Oct. 15	182.6		Aug. 4	485.
	Nov. 12	185.4		Oct. 13	487.
	Dec. 10	184.9		Dec. 8	487.
D-705g-F-20 1840.0	Jan. 13	166.9	D-718a-G-20 1215.	Jan. 6	482.7
	Feb. 3	161.8		Feb. 3	481.5
	Mar. 3	147.		Mar. 3	480.4
	Apr. 7	130.9		Apr. 7	480.4
	May 5	136.7		May 3	483.8
	June 2	144.		June 2	483.8
	July 14	171.		July 7	486.1
D-707-F-21 1840.4	Jan. 22	272.5		Aug. 4	487.3
	Feb. 5	261.1		Sep. 1	488.5
	Mar. 6	248.4		Oct. 6	488.5
	Apr. 2	243.1		Nov. 3	488.5
	May 14	243.4		Dec. 1	488.5
	Dec. 24	285.1	D-721b-G-20 1049.4	Mar. 20	a 342.7
D-711b-F-20 1692.	Mar. 20	a 323.5		Dec. 18	a 354.2
	Dec. 16	a 343.9	D-723-G-20 1115.2	Dec. 16	a 294.0
D-711d-F-20 1574.4	Mar. 20	a 213.5	D-724-G-21 1173.	Dec. 16	a 442.4
D-713b-G-20 1500.	Jan. 6	275.0	D-727-H-21 1093.	Jan. 8	368.6
	Feb. 3	272.0		Feb. 19	367.1
	Mar. 3	270.0		Mar. 19	367.0
	Apr. 7	270.0		Apr. 14	367.1
	May 12	272.0		May 14	368.0
	June 2	272.		June 11	366.1
	July 21	267.0		July 9	369.2
	Aug. 4	270.1		Aug. 6	371.6
	Sep. 1	287.0		Sep. 17	373.5
	Oct. 6	288.5		Oct. 15	374.2
	Nov. 3	286.3		Nov. 12	374.7
	Dec. 8	273.6		Dec. 24	373.5

a Measurement from San Bernardino County Flood Control District.
Measurements from owner except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
D-728-H-20 1032.	Mar. 20	316.9	D-751-I-20 765.	Mar. 21 Dec. 17	78.9 81.4
D-729-H-20 985.	Dec. 18	280.8	D-752-I-20 712.8	Mar. 21 Dec. 17	53.8 48.5
D-733-H-20 940.6	Mar. 20	230.9	D-753a-I-20 741.5	Mar. 21 Dec. 18	72.8 66.3
D-734b-H-20 972.9	Dec. 17	271.6	D-753b-I-20 695.	Mar. 21 Dec. 17	39.7 33.1
D-735-H-21 922.0	Mar. 20	219.3	D-754a-I-19 727.8	Mar. 21 Dec. 18	45.5 47.3
D-740-H-20 844.8	Mar. 18 Dec. 11	150.5 151.6	D-754c-I-20 718.3	Mar. 20	33.9
D-743h-I-19 771.	Mar. 21 Dec. 18	81.9 82.4	D-757a-I-19 659.4	Mar. 21 Dec. 18	40.4 48.0
D-743z-I-19 746.0	Jan. 14 a Feb. 18 a Mar. 26 a Apr. 7 a May 15 a June 3 a July 10 a Aug. 12 a Sep. 11 a Oct. 14 a Nov. 6 a Dec. 18 a	53.2 52.3 63.2 63.6 71.4 65.8 82.9 85.9 72.8 67.9 72.5 60.5	D-759b-I-20 668.1	Dec. 5	28.6
D-745-I-20 817.7	Mar. 12	128.3	D-761a-I-21 680.4	Mar. 24	40.7
D-747a-I-21 791.6	Mar. 18	112.0	D-762a-I-21 692.6	Mar. 24 Dec. 17	50.3 54.7
D-748c-I-21 805.9	Mar. 13 Dec. 11	126.5 129.3	D-763-J-21 653.	Mar. 24 Dec. 16	27.6 29.2
D-750a-I-21 743.5	Dec. 17	80.1	D-764-J-21 631.8	Jan. 2 b Jan. 31 b Mar. 7 b Apr. 2 b May 2 b June 3 b July 8 b Aug. 5 b Sep. 3 b Oct. 3 b Nov. 4 b Dec. 2 b	13.6 12.4 13.2 15.1 18.5 19.6 24.7 28.9 28.6 27.4 25.2 21.4

a Measurement from Los Angeles County Flood Control District.

b Measurement from Orange County Flood Control District.

Measurements from San Bernardino County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
D-766-J-20 603.5	Dec. 5	a 12.2	D-776c-J-20 555.5	Mar. 24 Dec. 16	a 4.6 a 7.2
D-768-J-19 704.8	Mar. 20	a 25.0	D-776e-J-21 573.7	Mar. 24 Dec. 15	a 4.3 a 6.2
D-768a-J-19 658.1	Mar. 20 Dec. 18	a 15.5 a 20.5	D-780-K-20 523.1	Jan. 3 Feb. 1 Mar. 13 Apr. 3 May 2 June 10 July 11 Aug. 8 Sep. 4 Oct. 7 Nov. 14 Dec. 16	14.8 15.3 14.5 14.6 15.0 15.8 17.8 19.3 19.7 20.0 18.1 17.1
D-771a-J-20 600.6	Jan. 3 Feb. 1 Mar. 13 Apr. 3 May 2 June 10 July 8 Aug. 5 Sep. 3 Oct. 3 Nov. 14 Dec. 16	10.4 10.9 10.8 17.7 16.4 18.2 22.2 24.8 22.7 18.6 17.0 15.1	D-780b-K-20 535.9	Jan. 3 Feb. 1 Mar. 13 May 2 June 10 July 11 Aug. 8 Sep. 4 Oct. 7 Nov. 14 Dec. 16	14.0 13.9 13.7 15.0 15.1 18.7 19.6 19.6 17.3 15.6 14.9
D-771e-J-20 583.8	Dec. 5	a 8.5	D-781a-K-21 506.3	Jan. 3 Feb. 1 Mar. 13 Apr. 3 May 3 June 10 Aug. 8 Oct. 7 Nov. 14 Dec. 12	Flowing " " 1.6 0.4 0.8 9.9 5.2 1.9 1.1
D-772-J-20 570.7	Jan. 2 Jan. 31 Mar. 13 Apr. 3 May 2 June 3 Aug. 5 Sep. 3 Oct. 3 Nov. 14 Dec. 2	0.8 1.0 1.3 3.2 4.1 5.2 8.0 8.4 6.8 5.4 3.6	D-782-K-21 553.3	Jan. 3 Feb. 1 Mar. 14	19.1 18.0 16.8
D-772a-J-20 609.0	Dec. 16	a 13.9			
D-773-J-21 587.0	Mar. 24 Dec. 16	a 5.5 a 7.8			
D-775-J-21 571.0	Mar. 24 Dec. 16	a 6.6 a 8.1			

a Measurement from San Bernardino County Flood Control District.
 Measurements from Orange County Flood Control District except as noted.

Well Number
and
R.P. Elev. Date Dist.R.P.
to water
surface,
Feet

1947

D-782-K-21 Apr. 4 17.0
Cont. May 3 18.0
 June 10 20.0
 July 11 21.8
 Aug. 8 23.5
 Sep. 4 24.8
 Oct. 7 25.9
 Nov. 14 26.4
 Dec. 11 26.2

D-783-K-21 Jan. 3 28.7
540.3 Feb. 6 28.7
 Mar. 11 28.9
 Apr. 4 29.0
 May 3 29.2
 June 13 29.4
 July 11 29.7
 Aug. 8 30.0
 Sep. 4 30.1
 Oct. 7 30.2
 Nov. 14 30.3
 Dec. 11 30.4

D-784d-K-21 Jan. 3 0.1
501.1 Feb. 1 +0.1
 Mar. 13 0.1
 Apr. 3 0.7
 May 3 1.0
 June 10 1.1
 July 11 9.2
 Aug. 8 12.0
 Sep. 4 11.9
 Oct. 7 5.9
 Nov. 14 2.4
 Dec. 12 1.5

D-788-K-21 Mar. 24 a 3.4
479.3 Dec. 3 a 4.4

D-788a-K-21 Jan. 4 4.2
1489.5 Feb. 6 4.6
 Mar. 11 4.9
 Apr. 4 5.1
 May 6 5.9
 June 10 6.3

Well Number
and
R.P. Elev. Date Dist.R.P.
to water
surface,
Feet

1947

D-788a-K-21 July 15 6.9
Cont. Aug. 12 7.4
 Sep. 5 7.4
 Oct. 17 6.7
 Nov. 12 6.2
 Dec. 11 6.3

D-789-L-21 Jan. 9 7.4
477.6 Feb. 7 7.9
 Mar. 12 7.8
 Apr. 19 8.2
 June 13 8.5
 July 11 9.2
 Aug. 8 9.9
 Sep. 5 10.0
 Oct. 17 8.9
 Nov. 12 10.0
 Dec. 11 8.3

D-801-K-21 Dec. 2 a 19.0
564.2

D-802-K-21 Jan. 9 29.4
545.6 Feb. 6 29.1
 Mar. 11 30.8
 May 6 29.7
 Aug. 12 31.6
 Oct. 17 30.6
 Nov. 12 29.8
 Dec. 11 30.2

D-811a-K-22 Mar. 21 a 60.4
592.7 Dec. 2 a 60.9

D-812-K-22 Jan. 2 29.6
562.8 Jan. 31 29.6

D-813-K-22 Jan. 2 8.4
547.4 Jan. 31 8.6
 Mar. 7 8.7
 Apr. 2 8.9
 Apr. 29 8.9
 June 3 9.1
 July 8 9.4
 Aug. 5 9.6

a Measurement from San Bernardino County Flood Control District.
Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
D-813-K-22	Sep. 3	9.6	D-907a-J-22	Dec. 2 a	10.2
Cont.	Sep. 30	9.2	606.9		
	Nov. 4	8.7	D-908a-J-22	Mar. 20 a	21.7
	Dec. 2	8.5	626.0	Dec. 2 a	22.5
D-901b-I-21	Mar. 14 a	122.1	D-909-J-22	Jan. 2	31.1
795.			658.7	Jan. 31	30.7
D-902a-I-21	Mar. 14 a	92.0		Mar. 7	32.5
751.5	Dec. 10 a	94.0		July 8	36.4
D-903-I-21	Dec. 16 a	54.7	D-910-I-22	Mar. 24 a	76.3
695.4			726.0		
D-904b-J-21	Dec. 16 a	31.2	D-913-I-22	Mar. 14 a	151.0
656.6			828.6	Dec. 9 a	153.5
D-905-J-21	Jan. 2	18.6	D-914-I-22	Dec. 9 a	116.2
632.3	Jan. 31	17.3	780.3		
	Mar. 7	17.8	D-915-I-22	Jan. 2	71.9
	Apr. 2	18.4	718.1	Jan. 31	70.3
	Oct. 3	29.4		Mar. 7	72.4
	Nov. 3	28.1		Apr. 2	71.1
D-905a-J-21	Jan. 2	16.1		Apr. 29	75.2
*	Jan. 31	15.3		July 8	77.9
	Mar. 7	15.5		Sep. 3	77.6
	Apr. 29	24.1		Sep. 30	78.0
	July 8	32.4		Dec. 2	75.5
	Oct. 3	26.4	D-918b-J-22	Jan. 2	12.8
	Nov. 4	25.8	612.1	Jan. 31	12.5
	Dec. 2	22.8		Mar. 7	13.2
D-906b-J-21	Jan. 2	6.2		Apr. 2	14.4
593.7	Jan. 31	4.5		Apr. 29	17.3
	Mar. 7	4.3		June 3	19.3
	Apr. 2	11.1		July 8	22.1
	Apr. 29	13.6		Aug. 5	22.7
	Dec. 2	9.6		Sep. 3	21.6
D-906d-J-21	Mar. 20 a	10.6		Sep. 30	20.9
603.1	Dec. 2 a	13.4		Nov. 4	19.3
				Dec. 2	17.5

* R.P. elevation 622.7 to and including October 3; then 623.6.
a Measurement from San Bernardino County Flood Control District.
Measurements from Orange County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
D-918d-J-22 599.8	Mar. 19	a 28.0	D-936a-I-23 846.0	Mar. 12	a 136.8
	Dec. 1	a 29.9		Mar. 12	ad 142.0
				Dec. 4	a 138.4
D-919c-J-22 627.9	Mar. 19	a 50.2	D-939b-I-23 717.6	Dec. 8	a 82.7
	Dec. 1	ab			
D-921a-J-22 663.4	Mar. 13	a 29.6	D-940b-J-23 701.3	Mar. 11	a 64.3
	Nov. 26	a 32.8		Nov. 25	a 66.0
D-922-I-22 726.6	Mar. 13	a 79.0	D-957-I-24 734.9	Mar. 10	a 15.8
	Nov. 28	a		Nov. 25	a 14.3
D-922c-I-22 712.4	Mar. 13	a 64.0	D-975c-I-25 817.6	Jan. 18	45.4
	Nov. 28	a 68.6		May 22	45.5
D-928-I-23 703.0	Jan. 2	c 55.0		July 24	46.5
	Jan. 31	c 57.6		Sep. 22	47.2
	Mar. 7	c 57.4		Nov. 25	47.1
	June 3	c 58.7			
	July 8	c 63.3	D-975d-I-25 770.7	Jan. 18	13.6
	Sep. 30	c 61.0		Mar. 22	13.9
	Dec. 2	c 64.6		May 22	13.3
				Sep. 22	13.7
D-928a-J-23 681.3	Mar. 13	a 41.0		Nov. 25	13.0
	Nov. 26	a 44.7	D-976a-J-25 760.8	Jan. 18	5.8
D-929-J-23 646.6	Mar. 13	a 44.4		Feb. 21	4.4
	Nov. 26	a 48.0		Mar. 22	6.0
D-929a-J-23 651.8	Jan. 2	c 49.2		Apr. 24	7.4
	Jan. 31	c 43.5		May 22	5.6
	Mar. 7	c 45.8		July 24	5.5
	July 8	c 48.0		Nov. 25	5.4
	Nov. 4	c 46.2	D-983c-I-26 851.0	Jan. 18	56.2
	Dec. 2	c 44.7		Feb. 21	56.2
D-934-I-23 716.0	Mar. 13	a 61.6		Mar. 22	56.9
	Nov. 26	a 65.2		May 22	56.7
D-935-I-23 785.3	Mar. 18	a 110.7		June 20	56.7
	Dec. 8	a 113.0		July 24	57.6
				Aug. 20	57.3
				Sep. 22	57.4
				Oct. 21	57.4
				Nov. 25	57.4

a Measurement from San Bernardino County Flood Control District.

b Pit dry.

c Measurement from Orange County Flood Control District.

d Air gage reading.

Measurements from Riverside Cement Company except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
D-984-I-26 930.9	Feb. 21	87.3	D-1001b-G-21	Oct. 1 b	92.0
	Mar. 10 a	88.6	Cont.	Nov. 1 b	112.0
	Apr. 24	89.6		Dec. 3 b	111.0
	May 22	90.8			
	July 24	94.7	D-1001g-G-21	Jan. 2 b	43.0
	Sep. 22	92.6	1360.6	Feb. 3 b	44.0
	Oct. 21	82.9		Mar. 3 b	42.0
	Nov. 25	91.5		Apr. 2 bc	Flowing
	Dec. 3 a	90.4		May 1 bc	"
				June 3 bc	"
D-984d-I-26	Mar. 10 a	100.8		July 3 bc	"
946.4	Dec. 3 a	103.2		Aug. 1 bc	"
				Sep. 1 bc	"
D-985c-I-26	Jan. 18	68.6		Oct. 1 bc	"
895.9	Feb. 21	67.5		Nov. 1 bc	"
	Apr. 24	71.0		Dec. 3 bc	"
	June 20	73.3			
	Oct. 21	74.0	D-1002-G-21	Mar. 20 a	39.1
			1269.0		
D-985d-I-26	Jan. 19	3.9			
825.8	Feb. 14	4.0	D-1002b-G-21	Mar. 20 a	404.9
	Mar. 14	4.0	1164.3	Dec. 16 a	407.9
	Apr. 11	4.4			
	July 4	10.9	D-1005a-H-21	Mar. 13 a	193.0
			906.2	Dec. 11 a	193.5
D-986-I-26	Jan. 18	57.2			
876.4	Feb. 21	57.4	D-1007b-H-22	Mar. 14 a	147.0
	Mar. 22	57.4	870.8	Dec. 9 a	148.3
	Apr. 24	58.0			
	May 22	58.6	D-1008-H-22	Mar. 19 a	187.5
	June 20	59.1	914.4	Dec. 17 a	189.1
	Sep. 22	62.0			
	Oct. 21	60.0	D-1012b-G-22	Mar. 24 a	66.9
			1322.0	Dec. 15 a	71.9
D-1001b-G-21	Jan. 2 b	62.0			
1420.3	Feb. 3 b	48.0	D-1014-G-22	Mar. 24 a	417.0
	Mar. 3 b	43.0	1203.6	Dec. 15 a	416.0
	Apr. 2 b	43.0			
	May 1 b	62.0	D-1022-G-22	Mar. 20 a	325.9
	June 3 b	68.0	1078.3	Dec. 16 a	324.7
	July 3 b	78.0			
	Aug. 1 b	78.0	D-1024-G-22	Mar. 24 a	478.6
	Sep. 1 b	83.0	1331.3	Dec. 15 a	481.6

a Measurement from San Bernardino County Flood Control District.

b Measurement from owner.

c Tunnel flowing.

Measurements from Riverside Cement Company except as noted.

Well Number Dist.R.P.
and to water
R.P. Elev. Date surface,
Feet

1947

D-1025-G-23	Mar. 24	a	457.6
1331.3	Dec. 9	a	450.5
D-1029-H-23	Mar. 19	a	224.0
974.6	Dec. 5	a	224.4
D-1031-H-23	Mar. 11	a	153.3
902.0	Dec. 8	a	155.2
D-1033-H-23	Mar. 21	a	278.0
1046.8	Dec. 5	a	278.2
D-1037-G-23	Mar. 24	a	404.9
1194.6	Dec. 9	a	404.8
D-1043-H-24	Mar. 11	a	126.8
882.9	Dec. 4	a	125.0
D-1043b-H-24	Mar. 11	a	167.4
937.0	Dec. 4	a	167.5
D-1044-H-24	Feb. 27	a	185.4
959.0	Mar. 11	a	185.2
	June 23		185.2
	Sep. 2		186.0
	Dec. 2		185.8
	Dec. 4	a	185.6
D-1050-G-24	Feb. 27		370.7
1165.7	Dec. 2	b	369.7
D-1050a-G-24	Feb. 28		444.0
*1246.11	June 3		444.0
	Sep. 2	b	447.3
	Dec. 2	c	443.9
D-1052-H-24	Jan. 6		290.7
**	Feb. 27		290.5
	June 3		290.3
	Dec. 2	b	290.5

Well Number Dist.R.P.
and to water
R.P. Elev. Date surface,
Feet

1947

D-1053-H-24	Jan. 7		234.6
***	Feb. 27		234.3
	June 3		233.6
	Sep. 2	c	234.1
	Dec. 2	c	234.6
D-1054c-H-24	Mar. 11	a	169.4
964.4	Dec. 4	a	174.3
D-1055-H-24	Feb. 27		184.6
979.9	Mar. 11	a	184.5
	June 3		184.1
	Sep. 2		184.8
	Dec. 2		184.6
	Dec. 4	a	185.0
D-1059-G-24	Feb. 27		407.2
1210.5			
D-1061-G-25	Jan. 13		567.9
1397.2	Feb. 13		568.4
	Mar. 14		569.1
D-1062-G-25	Feb. 7		429.3
1248.8	Feb. 27		429.6
	June 3		428.6
	Sep. 2	c	429.3
	Dec. 2	c	429.4
D-1062a-G-25	Feb. 28		424.5
1236.4			
D-1064-H-25	Feb. 27		299.4
1107.5	Mar. 27		297.3
	June 3		297.1
	Sep. 2	c	300.1
	Dec. 2	c	298.0
D-1064a-H-25	Feb. 27		345.2
1156.9	June 3		344.5
	Dec. 2	c	345.2

* New elevation; R.P. changed.

** R.P. elevation 1080.5 to and including January 6; then 1079.8.

*** R.P. elevation 1025.5 to and including January 7; then 1024.9.

a Measurement from San Bernardino County Flood Control District.

b Air gage.

c Measurement from owner.

Measurements from Fontana Union Water Company except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
D-1064b-H-25 1142.5	Feb. 28 June 4 July 10 Sep. 2 Dec. 2	335.4 335.2 336.6 a 336.4 a 336.1	D-1075-G-25 1180.8	Dec. 29	319.4
D-1065-H-25 1050.0	Feb. 27 Mar. 17 June 3 Sep. 2 Dec. 2 Dec. 3	244.2 b 244.0 243.5 244.0 243.9 b 243.0	D-1075a-G-25 1228.7	Feb. 28 June 3 Sep. 2 Dec. 2	372.2 374.7 375.7 375.1
D-1066-H-25 1024.5	Mar. 18 Dec. 5	b 217.7 b 221.4	D-1077-H-25 *	Mar. 10 Dec. 3	b 98.4 b 101.4
D-1068-H-25 1082.4	Jan. 8 Feb. 10 Mar. May June 6 July 11 Aug. 8 Sep. 5 Nov. 6 Dec. 10	c 248. c 248. c 248. c 249. c 248. c 244.1 c 251. c 244. c 244.6 c 242.	D-1081-H-26 1105.7	Jan. 18 Feb. 21 Mar. 22 Apr. 24 May 22 June 20 Aug. 20 Sep. 22 Oct. 21 Nov. 25	d 245.0 d 244.8 d 244.6 d 244.3 d 244.2 d 244.3 d 244.8 d 245.0 d 245.0 d 245.0
D-1072-G-25 1409.9	May 14 Oct. 13 Nov. 13 Dec. 15	222.1 253.0 241.5 235.7	D-1084-G-26 1352.1	Feb. 27 June 3 Sep. 2 Dec. 2	286.5 286.5 287.0 287.0
D-1072a-G-25 1409.6	Jan. 13 Feb. 13 Mar. 14 Apr. 17 May 14 July 14 Aug. 13 Sep. 13 Nov. 13 Dec. 15	209.6 208.9 213.0 224.6 221.1 242.8 246.1 249.8 241.7 236.1	D-1085a-G-26 1346.6	Mar. 21 Feb. 27 June 3 Sep. 2 Dec. 2 Dec. 9	b 285. 289.1 289.1 289.6 289.6 b 289.6
			D-1088-H-26 1037.6	Jan. 8 Feb. 10 July 11 Nov. 6 Dec. 10	a 173.6 a 171.9 a 174.3 a 174.3 a 172.8
			D-1090-H-26 967.6	Mar. 10 Dec. 3	b 105.3 b 108.8

* Correction: R.P. elevation 1030.2, beginning January 7, 1944.

a Measurement from owner.

b Measurement from San Bernardino County Flood Control District.

c Air gage.

d Measurement from Riverside Cement Company.

Measurements from Fontana Union Water Company except as noted.

Well Number and R.P. Elev. Date Dist.R.P. to water surface, Feet

1947

D-1091-H-26 Nov. 24 a 13.8
869.6

D-1092c-H-26 Mar. 10 a 2.5
870.1 Nov. 24 a 7.5

D-1092d-H-26 Mar. 10 a 115.7
999.7 Dec. 3 a 119.6

D-1095-G-26 Jan. 8 b 186.
1177.2 Feb. 10 b 183.5
Dec. 10 b 186.2

D-1105e-F-21 Mar. 24 a 239.8
1635.8 Dec. 15 a 245.5

D-1106-F-21 Jan. 22 b 94.6
1469.4 Feb. 19 b 87.9
Mar. 19 b 82.7
Apr. 14 b 83.0
May 14 b 92.7
June 11 b 98.4
July 23 b 118.8
Aug. 20 b 126.0
Sep. 17 b 132.3
Oct. 15 b 139.7
Nov. 12 b 145.2
Dec. 10 b 140.7

D-1107L-F-22 Mar. 24 a 141.3
1521.1 Dec. 15 a 171.0

D-1108-F-22 Mar. 24 a 273.1
1694. Dec. 15 a 284.9

D-1116-F-22 Dec. 15 a 253.8
1700.

D-1116a-F-22 Mar. 21 a 239.4
1900. Dec. 15 a 245.4

D-1161-E-25 Jan. 13 45.7
2244.1 Feb. 13 60.8

Well Number and R.P. Elev. Date Dist.R.P. to water surface, Feet

1947

D-1162a-E-25 Jan. 13 59.6
2068.9 Feb. 13 65.5
Mar. 13 79.0
Dec. 15 115.1

D-1164-E-25 Feb. 27 125.2
1806.6 June 3 147.0
Sep. 2 156.9
Dec. 2 159.3

D-1165-F-25 June 3 333.2
1625.6

D-1166-F-25 Mar. 21 a 277.2
1525.4 Dec. 15 a 272.7

D-1170b-E-25 Jan. 13 46.1
1852.9 Feb. 13 41.4
Mar. 13 42.2
Apr. 16 44.4
May 14 45.8
June 13 47.3
July 14 48.6
Aug. 13 51.3
Sep. 13 52.7
Oct. 13 54.1
Nov. 13 55.5
Dec. 15 56.5

D-1177a-F-25 Feb. 27 402.2
1514.2 Dec. 2 401.7

D-1181c-F-26 Apr. 17 109.7
1572.2 May 14 116.1
June 13 c

D-1182b-E-26 Jan. 13 210.1
1598.9 Feb. 13 206.6
Mar. 13 204.5
Apr. 17 204.2
May 14 206.6
June 13 210.1
July 14 214.9

a Measurement from San Bernardino County Flood Control District.

b Measurement from owner.

c Dry at 119.2 feet.

Measurements from Fontana Union Water Company except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
D-1182b-E-26 Cont.	Aug. 13	219.3	D-1189-F-26 1363.	Jan. 6 b	47.
	Sep. 13	225.0		Feb. 3 b	41.
	Oct. 13	230.9		Mar. 10 b	38.
	Nov. 13	236.8		Apr. 7 b	44.
	Dec. 15	242.0		May 5 b	51.
				June 2 b	64.
D-1182c-E-26 1550.5	Jan. 13	163.2		July 7 b	91.8
	Feb. 5	163.2		Aug. 4 b	102.
	Mar. 13	159.9		Sep. 8 b	114.
	Dec. 15	201.3		Oct. 6 b	128.
				Nov. 3 b	130.5
D-1184-E-26 1879.0	Feb. 17 a	124.5		Dec. 1 b	134.
	Mar. 19 a	125.5	D-1192c-F-26 1367.5	Jan. 8 b	37.9
	June 11 a	123.8		Feb. 10 b	30.
	Dec. 8 a	128.3			
D-1188a-F-26 1455.9	Jan. 13	76.2	D-1253-D-24 2760.	Jan. 13	14.9
	Feb. 13	72.6		Feb. 13	15.6
	Mar. 13	69.7		Mar. 13	16.0
				Apr. 15	16.1
D-1188h-F-26 1496.4	Mar. 19 a	81.2		Dec. 15	15.4
	May 16 a	88.4			
	Sep. 11 a	89.6			

a Measurement from San Bernardino Water Department.

b Measurement from owner.

Measurements from Fontana Union Water Company except as noted.

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in District "E"

THE UNIVERSITY OF CHICAGO
 LIBRARY
 540 EAST 58TH STREET
 CHICAGO, ILL. 60637

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
E-2-E-27 1621.9	Mar. 17	145.1	E-15-G-27 1116.2	Mar. 27	14.5
	Apr. 28	148.5		June 11	24.4
	June 2	152.0		Sep. 11	30.8
	June 30	154.4	E-22-G-27 1082.9	Jan. 19	7.1
	Sep. 11	158.7		May 7	10.8
	Oct. 22	160.8		June 12	11.6
	Dec. 8	162.6		Sep. 11	15.4
E-2a-E-27 1531.2	Mar. 17	160.1	E-23-G-27 1069.9	June 2	17.3
	Apr. 28	165.1		Sep. 11	22.3
E-4a-F-27 1303.4	Mar. 19	140.1	E-26-F-27 1169.9	Mar. 19	46.2
	June 11	143.5		May 7	47.0
	Sep. 11	147.9		June 11	47.8
	Dec. 8	152.9		Sep. 11	51.1
E-5d-F-27 1281.6	June 11	97.0	E-27-F-28 1110.1	Mar. 19	18.6
E-5e-F-27 1258.4	Dec. 20	116.9		June 11	19.3
				Sep. 9	21.5
E-6-F-27 1248.0	Jan. 31	50.8	E-29-G-28 1031.3	Mar. 19	+57.8
	Mar. 19	54.1		Apr. 28	+50.8
	Apr. 28	67.8		June 2	+46.2
	June 2	77.1		June 30	+46.8
	June 30	83.8		Aug. 26	+18.2
	Aug. 18	97.0		Dec. 8	+26.8
	Sep. 11	104.9	E-29b-G-27 1047.5	Mar. 19	+9.2
	Dec. 8	114.8		June 11	+4.8
E-7-G-27 1162.0	Jan. 8	a 33.		Sep. 9	+0.5
	Feb. 10	a 33.	E-31-G-28 1092.9	Mar. 19	14.6
	Mar. a	31.8		June 11	16.3
	Dec. 10	a 48.9		Sep. 9	19.4
E-8a-G-27 1200.1	Sep. 11	164.3	E-31a-F-28 1133.8	Mar. 19	33.1
E-10-E-27 1412.0	Mar. 17	124.1		June 11	35.0
	Apr. 28	124.5		Sep. 9	38.8
	June 2	125.1	E-34-E-28 1406.6	Mar. 24	12.0
	Sep. 11	130.3		June 11	12.1
	Oct. 22	131.5		Sep. 9	12.8
	Dec. 8	132.6		Dec. 20	13.3

a Measurement from owner.

b Pumping nearby.

Measurements from San Bernardino Water Department except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
E-34b-F-28 1319.2	Mar. 24 June 11 Sep. 9	147.5 150.1 155.4	E-44-F-28 1203.6	Mar. 24 June 10 Sep. 9	b 76.0 76.4 c 81.3
E-35c-F-28 1227.0	Mar. 24 June 11 Sep. 9	100.1 103.9 110.9	E-45-F-28 1145.3	Mar. 25 Sep. 10	d 45.4 50.
E-36-F-28 1161.8	Jan. 23 Mar. 24 Apr. 29 Sep. 10 Oct. 22 Dec. 8	55.9 55.4 57.5 68.7 66.9 64.5	E-45e-F-29 1212.5	Mar. 24 June 10 Sep. 16	b 80.7 89.9 96.6
E-37-F-28 1130.3	Jan. 3 Jan. 31 Feb. 28 Mar. 19 May 2 June 10 June 27 Aug. 1 Sep. 9 Oct. 3 Nov. 1 Dec. 5	a 22.8 a 24.9 a 28.6 29.9 a 36.9 40.3 a 41.6 a 45.1 45.1 a 46.0 a 43.4 a 35.4	E-46-G-28 1085.5	Mar. 25 June 10 Sep. 9	b 3.5 4.9 6.9
			E-46e-F-29 1112.7	Mar. 25 June 10	b 1.9 4.2
E-42-G-28 1059.3	Jan. 6 Feb. 20 Mar. 31 May 28 June 30 July 28 Aug. 8 Sep. 19 Oct. 12	b +43.9 b +37.0 +32.3 +12.7 +8.1 +7.5 +7.5 +9.2 +11.5	E-49-F-29 1269.8	Mar. 25 June 10 Sep. 10	b 135.5 142.4 152.2
			E-49d-F-29 1282.5	June 10 Sep. 10	149.3 159.1
E-43-G-28 1053.8	Mar. 19 June 10 Sep. 9 Dec. 20	b +51.4 +34.0 +28.8 +53.1	E-50a-F-29 1150.1	June 10 Sep. 10 Dec. 7	30.8 37.8 27.8
			E-54-F-29 1412.9	Mar. 26	b 246.5
			E-56i-G-29 1207.6	Mar. 26 June 10 Sep. 10	b 58.2 62.9 69.7
			E-57-G-29 1222.2	Mar. 27 June 10 Sep. 10	59.3 63.9 70.0
			E-59-G-29 1239.1	Mar. 26 June 10 Sep. 10	68.2 71.8 79.2

a Measurement from Riverside Water Company.

b Measurement from San Bernardino Valley Water Conservation District.

c Shut windmill down to measure.

d Pumping nearby.

Measurements from San Bernardino Water Department except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R. P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
E-59a-G-30 1266.5	Mar. 27	87.5	E-74-I-27 Cont.	Nov. 4	50.0
	June 10	88.8		Dec. 2	49.9
	Sep. 10	94.2			
E-61d-G-30 1397.4	Jan. 17	a 109.2	E-74i-I-27 962.9	Feb. 3	102.9
	Apr. 14	a 106.6		Mar. 4	102.3
	May 16	a 106.2		Apr. 1	101.7
	June 19	a 108.3		May 1	103.7
E-62a-G-30 1541.6	Mar. 26	b 202.5		June 2	102.3
				July 1	102.8
E-67h-I-26 862.6	Jan. 18	c 5.5		Aug. 1	103.7
	Feb. 21	c 5.5		Sep. 2	105.1
	Mar. 22	c 5.8		Oct. 1	106.0
	Apr. 24	c 6.7		Nov. 4	106.9
	June 20	c 7.8		Dec. 2	107.1
	July 24	c 9.5	E-75-H-27 921.2	Jan. 18	c 19.9
	Aug. 20	c 10.5		Feb. 21	c 19.0
	Sep. 22	c 11.0		Mar. 22	c 19.1
	Oct. 21	c 11.0		Apr. 24	c 19.7
	Nov. 25	c 10.6		May 22	c 20.7
E-68g-I-26 827.	Jan. 2	10.1		June 20	c 22.3
	Feb. 3	9.9		July 24	c 25.2
	Mar. 4	9.6		Aug. 20	c 29.7
	Apr. 1	9.9		Sep. 22	c 33.2
	May 1	10.7		Oct. 21	c 34.5
	June 2	11.8		Nov. 25	c 33.9
	July 1	12.1	E-85-G-27 1054.9	Mar. 27	b 12.5
	Sep. 2	14.1		June 12	b 20.2
	Oct. 1	13.6		Sep. 12	b 27.5
	Dec. 2	12.2	E-90b-H-27 959.6	Jan. 3	a 4.4
E-74-I-27 882.6	Jan. 2	48.6		Feb. 7	a 4.7
	Mar. 4	46.4		Mar. 7	a 4.8
	Apr. 1	45.8		Apr. 11	a 5.3
	May 1	47.6		May 9	a 6.5
	June 2	45.7		June 13	a 7.6
	July 1	45.7	E-93-G-28 1011.8	Mar. 25	b +37.0
	Aug. 1	48.0		June 12	b +30.6
	Sep. 2	51.6		Sep. 15	b +26.0
	Oct. 1	50.6		Dec. 20	b +53.1

a Measurement from San Bernardino Valley Water Conservation District.

b Measurement from San Bernardino Water Department.

c Measurement from Riverside Cement Company.

Measurements from Riverside Water Basin Records except as noted.

Well Number Dist.R.P.
and to water
R.P. Elev. Date surface,
Feet

1947

E-95-H-27 Jan. 18 a 83.4
1013.7 Mar. 22 a 81.0
May 22 a 80.4

E-95a-H-27 Jan. 18 a 38.0
969.7 Mar. 22 a 35.9
July 24 a 48.0
Sep. 22 ab
Nov. 25 a 52.7

E-97-G-28 Mar. 26 c 22.0
1061.6 June 12 c 29.2
Sep. 16 c 34.9

E-102s-H-28 Mar. 26 c 2.4
1069.7 June 12 c 11.7
Sep. 16 c 14.9

E-103g-H-28 Jan. 23 39.0
1132.0 Apr. 14 52.3
July 18 60.7
Oct. 25 56.8

E-104-H-28 Jan. 23 207.4
1310.5 Apr. 14 202.2
July 18 220.9
Oct. 25 221.2

E-106c-H-29 Jan. 24 30.7
1163.9 Apr. 14 35.4
May 15 37.5
June 19 40.3
July 17 41.9
Aug. 23 43.4
Sep. 22 43.3
Oct. 23 42.9

E-106f-H-29 Oct. 24 52.7
1140.9

Well Number Dist.R.P.
and to water
R.P. Elev. Date surface,
Feet

1947

E-107b-H-29 Jan. 24 62.5
1206.9 Apr. 14 71.6
May 3 71.1
May 16 77.5

June 19 80.7
July 18 83.0
Aug. 23 86.7
Sep. 22 85.3
Oct. 23 81.6

E-107d-H-29 Apr. 26 66.5
1217.8 July 18 66.6
Oct. 23 67.7

E-109-G-29 Jan. 4 13.2
1150.2 Feb. 1 13.8
Mar. 1 14.8
Apr. 5 17.2
May 3 19.2
June 7 21.9
July 5 23.7
Aug. 2 26.0
Sep. 6 28.3
Oct. 4 29.8
Nov. 1 d 30.3
Dec. 6 d 30.5

E-109b-G-29 Jan. 24 64.6
1254.8 Apr. 12 70.1
May 15 73.7
June 17 76.4
July 16 79.2
Aug. 23 84.1
Oct. 21 e

E-110-H-29 Jan. 26 25.5
1207.2 Apr. 12 41.9
July 16 43.7
Oct. 24 44.6

a Measurement from Riverside Cement Company.

b No water at 54 feet. Plugged.

c Measurement from San Bernardino Water Department.

d Measurement from Gage Canal Company.

e Dry at 86 feet.

Measurements from San Bernardino Valley Water Conservation District
except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
E-111-H-29 1249.2	Jan. 26 Apr. 14 July 18 Oct. 28	79.4 81.0 90.2 91.3	E-118a-G-30 1346.7	Jan. 16 Apr. 8 May 15 July 19 Aug. 22 Sep. 22 Oct. 21	97.1 95.5 97.3 102.1 104.7 107.1 109.3
E-111a-H-29 1203.4	Jan. 24 Apr. 12 June 19 July 17 Aug. 23 Sep. 22 Oct. 23	34.1 35.2 37.1 37.1 38.9 38.5 38.7	E-119a-H-30 1397.7	Jan. 17 Apr. 11 July 22 Sep. 5 Sep. 19 Oct. 21	150.4 a 156.6 a 167.5 a 171.0 a 171.9 a 173.2
E-111h-H-29 1245.5	Jan. 24 Apr. 12 May 15 June 17 July 17 Aug. 23 Sep. 22 Oct. 23	44.3 46.6 46.8 47.6 47.3 47.4 47.9 48.0	E-120-H-30 1523.5	Jan. 26 Apr. 14 May 13 June 19 July 14 Aug. 22 Sep. 18 Oct. 18	121.3 119.0 119.6 121.0 122.8 126.3 128.6 131.1
E-113-G-29 1293.1	Jan. 24 June 17 July 16 Aug. 23 Sep. 20 Oct. 21	100.6 89.1 90.9 92.7 94.2 95.0	E-122-I-30 1513.3	Jan. 26 July 17 Oct. 22	69.0 69.5 70.5
E-114-H-29 1322.3	Jan. 24 Apr. 12 May 15 June 17 July 16 Aug. 23 Sep. 20 Oct. 22	100.5 104.6 108.5 113.5 115.4 119.0 119.9 120.3	E-123c-H-30 1521.0	Jan. 18 Mar. 10 Apr. 12	222.7 206.0 207.3
E-117-I-30 1438.6	Jan. 26 Apr. 14	64.5 66.3	E-124-H-30 1608.5	July 17 Oct. 18	81.4 93.8
			E-124d-H-31 *1825.5	July 22	228.5
			E-127-H-31 1907.0	Jan. 26 Apr. 9 May 13 July 15 Oct. 20	82.7 82.8 72.9 78.2 92.4

* New elevation; R.P. changed.

a Pumping nearby.

Measurements from San Bernardino Valley Water Conservation District.

Well Number and R.P. Elev. Date Dist.R.P. to water surface, Feet

1947

E-127a-H-31	Jan. 17	a	137.8
1724.8	Apr. 11	a	139.5
	May 13	a	143.7
E-127b-G-31	Jan. 17	a	209.0
1765.7	May 13	a	201.2
	Oct. 20	a	228.9
E-127d-H-31	Jan. 17	a	79.6
1836.2	Apr. 11	a	76.6
	July 15	a	77.9
	Oct. 20	a	83.8
E-128-H-31	Jan. 17	a	83.2
1710.5			
E-131e-H-32	Jan. 15	a	23.7
2196.9	Apr. 9	a	28.4
	May 13	a	29.8
	Oct. 20	a	45.7
E-132-I-31	Apr. 5		129.3
2131.8	Dec. 5		131.5
E-133-I-31	Apr. 5		130.6
2097.8	Dec. 5		146.8
E-136-I-32	Apr. 5		95.3
*2292.6	Dec. 5		108.7
E-136c-I-32	Jan. 7		169.9
2360.2	Apr. 5		161.7
	Dec. 5		181.8
E-136i-I-32	Apr. 5		190.0
2392.6	Dec. 5		210.9
E-137-H-32	Apr. 5		225.2
2653.5	Dec. 9		231.8
E-138-I-32	Apr. 5		200.8
2419.8	Dec. 9		213.1

Well Number and R.P. Elev. Date Dist.R.P. to water surface, Feet

1947

E-138b-I-32	Apr. 5		248.0
2471.3	Dec. 9		257.9
E-139-H-32	Dec. 9		309.6
2842.1			
E-139a-H-33	Apr. 5		279.3
2816.9	Dec. 9		283.2
E-140-H-33	Apr. 5		49.9
3107.7	Dec. 9		58.7
E-140c-H-33	Apr. 5		24.9
3938.3	Dec. 9		27.0
E-141-I-33	Apr. 5		63.1
2812.6	Dec. 9		63.8
E-147b-K-21	Jan. 18	b	2.0
493.8	Feb. 13	b	1.8
	Apr. 16	b	2.2
	May 13	b	2.4
	June 17	b	2.6
	July 22	b	2.7
	Aug. 19	b	2.8
	Sep. 16	b	2.7
	Oct. 28	b	2.4
	Oct. 31	b	2.3
	Nov. 18	b	2.2
	Dec. 17	b	2.1
E-147c-I-21	Jan. 18	b	1.3
501.8	Feb. 13	b	1.1
	Mar. 25	b	1.2
	Apr. 16	b	1.7
	June 17	b	2.1
	July 22	b	2.3
	Aug. 19	b	2.6
	Sep. 16	b	2.5
	Oct. 28	b	2.3
	Nov. 18	b	2.2
	Dec. 17	b	2.1

* New elevation; R. P. changed.

a Measurement from San Bernardino Valley Water Conservation District.

b Measurement from Orange County Flood Control District.

Measurements from P. E. Hicks except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
E-149d-K-22 570.9	Jan. 23	a 50.0	E-151-K-22 Cont.	Apr. 17	5.4
	Feb. 14	a 48.3		May 20	5.8
	Mar. 26	48.2		June 24	8.7
	Apr. 17	a 49.0		Aug. 22	10.4
	May 20	a 50.0		Nov. 25	11.2
	June 24	a 50.7		Dec. 18	10.9
	July 25	a 51.3			
	Aug. 22	a 52.0	E-151f-K-22 553.6	Jan. 23	25.2
	Sep. 19	a 53.9		Feb. 14	24.6
	Oct. 29	a 50.9		Mar. 26	24.8
	Nov. 25	a 49.8		Apr. 17	24.9
	Dec. 18	a 49.2		May 20	24.8
E-149i-K-22 587.9	Jan. 3	b 55.4		June 24	25.1
	Feb. 4	b 55.5		July 25	26.4
	Mar. 3	b 55.4		Aug. 22	26.9
	Apr. 2	b 55.7		Sep. 19	27.8
	May 2	b 55.8		Oct. 29	27.3
	June 3	b 55.5		Nov. 25	27.2
	July 2	b 55.7		Dec. 18	27.4
	Aug. 4	b 55.5	E-153-K-22 591.1	Jan. 3	b 22.1
	Oct. 2	b 55.8		Feb. 4	b 24.9
	Nov. 3	b 55.5		Apr. 2	b 24.5
	Dec. 3	b 55.4		June 3	b 24.3
E-150-K-22 602.7	Jan. 3	b 85.3		Dec. 3	b 24.6
	Feb. 4	b 85.0	E-156-K-23 640.0	Jan. 3	b 46.3
	Nov. 3	b 88.6		Feb. 4	b 46.6
	Dec. 3	b 88.0		Mar. 3	b 46.7
E-150b-K-22 567.0	Jan. 23	48.2		Apr. 2	b 46.8
	Feb. 14	48.1		May 2	b 47.0
	Mar. 26	48.8		June 3	b 47.0
	Apr. 17	50.2		July 2	b 46.9
	July 25	52.8		Aug. 4	b 46.7
	Aug. 22	54.1		Sep. 3	b 46.6
	Sep. 19	59.1		Oct. 2	b 46.5
	Oct. 29	52.1		Nov. 3	b 46.5
	Nov. 25	51.1		Dec. 3	b 46.6
	Dec. 18	50.3	E-159-K-23 627.3	Jan. 23	40.4
E-151-K-22 525.9	Jan. 23	7.0		Feb. 14	40.3
	Feb. 14	6.8		Mar. 26	40.2
	Mar. 26	4.3		Apr. 17	40.3
				May 20	40.4

a Pumping 1000 feet north.

b Measurement from Riverside Water Basin Records.

Measurements from Orange County Flood Control District except as noted.

Well Number
and
R.P. Elev. Date Dist.R.P.
to water
surface,
Feet

1947

E-159-K-23 June 24 a 40.6
Cont. July 25 a 40.7
Aug. 22 a 40.7
Sep. 16 a 40.5
Oct. 24 a 40.4
Nov. 25 a 40.5
Dec. 19 a 40.6

E-165d-K-24 Jan. 3 5.8
700.1 Feb. 4 5.8
May 2 8.1
Oct. 2 11.6
Nov. 3 10.6

E-172-J-25 Jan. 3 5.4
736.5 Feb. 4 6.8
Apr. 2 5.8
Dec. 3 7.2

E-174-K-25 Jan. 3 17.2
758.1 Feb. 4 16.6
Mar. 3 17.5

E-175-K-24 July 2 b 36.9
757.2

E-176-K-24 Jan. 3 44.2
764.2 Feb. 4 43.7
Mar. 3 45.1
Apr. 2 46.6
May 2 47.9
June 3 47.3
July 2 47.3
Aug. 4 48.8
Sep. 3 49.3
Oct. 2 49.9
Nov. 3 48.9
Dec. 3 48.9

E-178-J-25 Jan. 3 36.9
779.4 Feb. 4 36.5
Mar. 3 36.6
Apr. 2 36.5

Well Number
and
R.P. Elev. Date Dist.R.P.
to water
surface,
Feet

1947

E-178-J-25 May 2 36.8
Cont. June 3 37.1
July 2 37.1
Aug. 4 37.6
Sep. 3 37.7
Oct. 2 37.6
Nov. 3 37.2
Dec. 3 37.3

E-179c-K-25 Jan. 3 17.9
769.3 Feb. 4 17.7
Mar. 3 17.5
Apr. 2 17.5
May 2 17.7
June 3 16.8
July 2 18.0
Aug. 4 18.2
Sep. 3 18.5
Oct. 2 18.8
Nov. 3 18.8
Dec. 3 18.6

E-184c-J-25 Jan. 3 59.1
801.5 Feb. 4 59.1
Mar. 3 59.0
Apr. 2 59.2
May 2 58.3
June 3 59.6
July 2 59.9
Aug. 4 60.3
Sep. 3 60.5
Oct. 2 60.6
Nov. 3 60.4
Dec. 3 60.2

E-185-J-25 Feb. 4 38.6
799.6 Mar. 3 39.3
Apr. 2 40.1
May 2 39.6
Aug. 4 38.8
Sep. 3 40.5
Nov. 3 40.0
Dec. 3 40.0

a Measurement from Orange County Flood Control District.

b Shut down to measure.

Measurements from Riverside Water Basin Records except as noted:

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
E-192-J-26 846.3	Jan. 18	a 63.9	E-196e-J-26 Cont.	June 2	78.4
	Feb. 21	a 63.4		July 1	79.9
	Mar. 22	a 63.0		Aug. 1	80.8
	Apr. 24	a 65.4		Sep. 2	81.2
	May 22	a 65.3		Oct. 2	81.0
	June 20	a 65.2		Nov. 4	80.1
	July 24	a 69.0		Dec. 2	79.8
	Aug. 20	a 70.2			
	Sep. 22	a 68.2	E-201d-I-27 907.7	Jan. 2	74.8
	Oct. 21	a 66.6		Feb. 3	74.3
	Nov. 25	a 65.4		Mar. 4	74.1
	Dec. 3	65.2		Apr. 1	73.7
				May 1	73.8
E-192a-J-26 769.4	Jan. 3	4.7		June 2	74.1
	Feb. 4	3.3		July 1	74.4
	Mar. 3	4.4		Aug. 1	77.3
	Apr. 2	4.4		Sep. 2	77.4
	May 2	4.7		Oct. 1	77.3
	June 3	4.8		Nov. 4	76.9
	July 2	5.2		Dec. 2	76.8
	Aug. 4	5.9			
	Sep. 3	6.3	E-201g-J-26 898.6	July 1	99.1
	Oct. 2	6.4		Aug. 1	100.0
	Nov. 3	5.7		Sep. 2	101.2
	Dec. 3	5.2		Oct. 1	101.5
				Nov. 4	101.3
E-194-K-26 873.0	Jan. 3	104.4		Dec. 2	101.1
	Feb. 4	104.1			
	Mar. 3	104.1	E-202-J-26 941.1	Jan. 2	146.4
	Apr. 2	104.1		Feb. 3	145.7
	May 2	108.1		Mar. 4	145.2
	June 3	107.2		Apr. 1	145.2
	July 2	104.7		May 1	146.0
	Aug. 4	105.1		June 2	146.8
	Sep. 3	105.2		July 1	146.8
	Oct. 2	105.0		Aug. 1	147.6
	Nov. 3	105.2		Sep. 3	148.5
	Dec. 3	105.0		Oct. 1	148.9
				Nov. 4	148.8
E-196e-J-26 869.4	Jan. 2	77.5		Dec. 2	148.2
	Feb. 3	78.6			
	Mar. 4	77.6	E-207a-J-27 998.0	Jan. 2	166.9
	Apr. 1	77.9		Mar. 4	165.0
	May 2	78.6		May 1	172.0

a Measurement from Riverside Cement Company.

Measurements from Riverside Water Basin Records except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
E-207a-J-27	July 1	a 169.8	E-239-J-33	July 3	3.8
Cont.	Sep. 2	a 172.1	Cont.	Oct. 7	4.6
	Nov. 4	a 174.0			
	Dec. 2	a 167.9	E-240-J-33	Jan. 7	328.7
E-232-J-32	Apr. 8	174.5	2590.5	Apr. 8	328.5
2387.1	July 3	173.6		July 3	328.7
				Oct. 7	329.1
E-232b-J-32	Jan. 7	76.0	E-241-J-33	Jan. 7	226.1
2288.0	Apr. 8	75.5	2491.2	Apr. 8	227.1
	July 3	76.5		July 3	226.2
	Oct. 7	77.9		Oct. 7	226.4
E-232e-I-32	Apr. 5	225.9	E-245-K-33	Jan. 7	306.1
2483.9			2608.4	Apr. 8	305.6
E-233-J-32	Jan. 7	40.6		July 4	b
2249.2	Oct. 7	58.1	E-268b-L-21	Jan. 18	c 9.6
			512.4	Feb. 13	c 9.4
E-233d-J-32	Jan. 7	87.6		Mar. 25	c 9.5
2333.8	Apr. 8	87.4		Apr. 16	c 9.9
	Oct. 7	88.8		May 13	c 10.0
E-233f-J-32	Jan. 7	49.5		June 17	c 10.3
2299.1	Apr. 8	49.0		July 22	c 10.6
	July 3	50.0		Aug. 19	c 11.0
	Oct. 7	51.1		Sep. 16	c 11.0
				Oct. 28	c 11.1
E-234-J-32	Jan. 7	28.6		Nov. 18	c 11.0
2199.5	Apr. 8	28.9		Dec. 17	c 10.8
	July 3	29.2	E-269a-L-22	Jan. 18	c 11.4
	Oct. 7	29.8	527.8	Feb. 13	c 11.4
E-236-J-33	Jan. 7	96.3		Mar. 25	c 11.4
2349.0	Apr. 8	95.2		Apr. 16	c 12.0
	July 3	98.4		May 13	c 12.5
	Oct. 7	99.5		Sep. 16	c 13.1
E-237-K-33	Oct. 7	46.0		Nov. 18	c 16.4
2336.8				Dec. 17	c 14.3
E-239-J-33	Jan. 7	2.4	E-270-L-21	Jan. 30	c 91.6
2658.9	Apr. 8	2.5	611.1	Feb. 13	c 91.3
				Mar. 22	c 91.4
				Apr. 16	c 91.4

a Measurement from Riverside Water Basin Records.

b Dry.

c Measurement from Orange County Flood Control District.

Measurements from P. E. Hicks except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
E-270-L-21 Cont.	May 16	97.9	E-276c-L-22 797.4	Mar. 28	191.9
	June 17	92.2			
	July 22	92.9			
	Aug. 20	93.7	E-277b-M-22 969.9	Jan. 30	102.0
	Sep. 16	94.4		Feb. 27	106.1
	Oct. 28	95.0		Aug. 26	122.2
	Nov. 18	95.0		Sep. 30	121.2
				Oct. 31	132.6
E-272-L-22 537.1	Jan. 23	13.3		Nov. 28	124.6
	May 16	19.1			
	Oct. 29	19.7	E-280d-L-22 635.9	Jan. 14	a 84.2
	Nov. 25	19.4		Feb. 11	a 84.0
	Dec. 18	18.3		Mar. 12	a 84.2
				Apr. 8	a 85.3
E-273a-L-22 662.2	Jan. 23	128.8		May 13	a 87.5
	Feb. 14	127.9		June 10	a 88.5
	Mar. 25	128.0		July 15	a 90.0
	Aug. 19	133.0		Aug. 12	a 91.7
	Oct. 28	134.2		Sep. 9	a 93.2
	Nov. 18	134.9		Nov. 12	a 94.5
	Dec. 18	134.6		Dec. 14	a 94.0
E-274c-L-22 594.1	Jan. 23	61.4	E-282c-L-22 631.5	Feb. 11	a 76.3
	Feb. 14	61.4		Dec. 14	a 84.5
	Mar. 25	62.1			
	Apr. 16	62.4	E-286c-L-23 609.9	Jan. 24	33.4
	May 16	64.2		Mar. 27	32.4
	June 17	65.6		Apr. 17	33.3
	July 22	66.4		May 20	34.7
	Aug. 19	67.8		Aug. 22	37.7
	Sep. 19	68.6		Nov. 26	38.8
	Oct. 28	68.9			
	Nov. 18	68.8	E-287c-L-23 659.4	Jan. 24	75.3
	Dec. 18	67.3		Feb. 15	75.0
				Mar. 27	74.4
				Apr. 22	74.5
E-276-L-22 677.8	Jan. 14	131.2		May 20	75.6
	Feb. 11	131.0		Sep. 23	78.5
	Mar. 12	131.2		Oct. 31	78.5
	Apr. 8	131.8		Nov. 26	81.6
	May 13	133.6		Dec. 23	83.4
	June 10	134.7			
	July 15	135.0			
	Aug. 12	137.5	E-298-L-24 686.1	Jan. 3	b 13.9
	Sep. 9	138.7		Mar. 3	b 15.2
	Oct. 13	139.3		Dec. 3	b 24.0
	Nov. 12	139.8			
	Dec. 14	139.0			

a Measurement by owner.

b Measurement from Riverside Water Basin Records.

Measurements from Orange County Flood Control District except as noted.

TABLE I Summary of Data for the First Series			TABLE II Summary of Data for the Second Series		
Year	Month	Value	Year	Month	Value
1910	Jan	1.23	1910	Jan	1.23
1911	Feb	1.34	1911	Feb	1.34
1912	Mar	1.45	1912	Mar	1.45
1913	Apr	1.56	1913	Apr	1.56
1914	May	1.67	1914	May	1.67
1915	Jun	1.78	1915	Jun	1.78
1916	Jul	1.89	1916	Jul	1.89
1917	Aug	2.00	1917	Aug	2.00
1918	Sep	2.11	1918	Sep	2.11
1919	Oct	2.22	1919	Oct	2.22
1920	Nov	2.33	1920	Nov	2.33
1921	Dec	2.44	1921	Dec	2.44
1922	Jan	2.55	1922	Jan	2.55
1923	Feb	2.66	1923	Feb	2.66
1924	Mar	2.77	1924	Mar	2.77
1925	Apr	2.88	1925	Apr	2.88
1926	May	2.99	1926	May	2.99
1927	Jun	3.10	1927	Jun	3.10
1928	Jul	3.21	1928	Jul	3.21
1929	Aug	3.32	1929	Aug	3.32
1930	Sep	3.43	1930	Sep	3.43
1931	Oct	3.54	1931	Oct	3.54
1932	Nov	3.65	1932	Nov	3.65
1933	Dec	3.76	1933	Dec	3.76
1934	Jan	3.87	1934	Jan	3.87
1935	Feb	3.98	1935	Feb	3.98
1936	Mar	4.09	1936	Mar	4.09
1937	Apr	4.20	1937	Apr	4.20
1938	May	4.31	1938	May	4.31
1939	Jun	4.42	1939	Jun	4.42
1940	Jul	4.53	1940	Jul	4.53
1941	Aug	4.64	1941	Aug	4.64
1942	Sep	4.75	1942	Sep	4.75
1943	Oct	4.86	1943	Oct	4.86
1944	Nov	4.97	1944	Nov	4.97
1945	Dec	5.08	1945	Dec	5.08
1946	Jan	5.19	1946	Jan	5.19
1947	Feb	5.30	1947	Feb	5.30
1948	Mar	5.41	1948	Mar	5.41
1949	Apr	5.52	1949	Apr	5.52
1950	May	5.63	1950	May	5.63
1951	Jun	5.74	1951	Jun	5.74
1952	Jul	5.85	1952	Jul	5.85
1953	Aug	5.96	1953	Aug	5.96
1954	Sep	6.07	1954	Sep	6.07
1955	Oct	6.18	1955	Oct	6.18
1956	Nov	6.29	1956	Nov	6.29
1957	Dec	6.40	1957	Dec	6.40
1958	Jan	6.51	1958	Jan	6.51
1959	Feb	6.62	1959	Feb	6.62
1960	Mar	6.73	1960	Mar	6.73
1961	Apr	6.84	1961	Apr	6.84
1962	May	6.95	1962	May	6.95
1963	Jun	7.06	1963	Jun	7.06
1964	Jul	7.17	1964	Jul	7.17
1965	Aug	7.28	1965	Aug	7.28
1966	Sep	7.39	1966	Sep	7.39
1967	Oct	7.50	1967	Oct	7.50
1968	Nov	7.61	1968	Nov	7.61
1969	Dec	7.72	1969	Dec	7.72
1970	Jan	7.83	1970	Jan	7.83
1971	Feb	7.94	1971	Feb	7.94
1972	Mar	8.05	1972	Mar	8.05
1973	Apr	8.16	1973	Apr	8.16
1974	May	8.27	1974	May	8.27
1975	Jun	8.38	1975	Jun	8.38
1976	Jul	8.49	1976	Jul	8.49
1977	Aug	8.60	1977	Aug	8.60
1978	Sep	8.71	1978	Sep	8.71
1979	Oct	8.82	1979	Oct	8.82
1980	Nov	8.93	1980	Nov	8.93
1981	Dec	9.04	1981	Dec	9.04
1982	Jan	9.15	1982	Jan	9.15
1983	Feb	9.26	1983	Feb	9.26
1984	Mar	9.37	1984	Mar	9.37
1985	Apr	9.48	1985	Apr	9.48
1986	May	9.59	1986	May	9.59
1987	Jun	9.70	1987	Jun	9.70
1988	Jul	9.81	1988	Jul	9.81
1989	Aug	9.92	1989	Aug	9.92
1990	Sep	10.03	1990	Sep	10.03
1991	Oct	10.14	1991	Oct	10.14
1992	Nov	10.25	1992	Nov	10.25
1993	Dec	10.36	1993	Dec	10.36
1994	Jan	10.47	1994	Jan	10.47
1995	Feb	10.58	1995	Feb	10.58
1996	Mar	10.69	1996	Mar	10.69
1997	Apr	10.80	1997	Apr	10.80
1998	May	10.91	1998	May	10.91
1999	Jun	11.02	1999	Jun	11.02
2000	Jul	11.13	2000	Jul	11.13
2001	Aug	11.24	2001	Aug	11.24
2002	Sep	11.35	2002	Sep	11.35
2003	Oct	11.46	2003	Oct	11.46
2004	Nov	11.57	2004	Nov	11.57
2005	Dec	11.68	2005	Dec	11.68
2006	Jan	11.79	2006	Jan	11.79
2007	Feb	11.90	2007	Feb	11.90
2008	Mar	12.01	2008	Mar	12.01
2009	Apr	12.12	2009	Apr	12.12
2010	May	12.23	2010	May	12.23
2011	Jun	12.34	2011	Jun	12.34
2012	Jul	12.45	2012	Jul	12.45
2013	Aug	12.56	2013	Aug	12.56
2014	Sep	12.67	2014	Sep	12.67
2015	Oct	12.78	2015	Oct	12.78
2016	Nov	12.89	2016	Nov	12.89
2017	Dec	13.00	2017	Dec	13.00
2018	Jan	13.11	2018	Jan	13.11
2019	Feb	13.22	2019	Feb	13.22
2020	Mar	13.33	2020	Mar	13.33
2021	Apr	13.44	2021	Apr	13.44
2022	May	13.55	2022	May	13.55
2023	Jun	13.66	2023	Jun	13.66
2024	Jul	13.77	2024	Jul	13.77
2025	Aug	13.88	2025	Aug	13.88
2026	Sep	13.99	2026	Sep	13.99
2027	Oct	14.10	2027	Oct	14.10
2028	Nov	14.21	2028	Nov	14.21
2029	Dec	14.32	2029	Dec	14.32
2030	Jan	14.43	2030	Jan	14.43
2031	Feb	14.54	2031	Feb	14.54
2032	Mar	14.65	2032	Mar	14.65
2033	Apr	14.76	2033	Apr	14.76
2034	May	14.87	2034	May	14.87
2035	Jun	14.98	2035	Jun	14.98
2036	Jul	15.09	2036	Jul	15.09
2037	Aug	15.20	2037	Aug	15.20
2038	Sep	15.31	2038	Sep	15.31
2039	Oct	15.42	2039	Oct	15.42
2040	Nov	15.53	2040	Nov	15.53
2041	Dec	15.64	2041	Dec	15.64
2042	Jan	15.75	2042	Jan	15.75
2043	Feb	15.86	2043	Feb	15.86
2044	Mar	15.97	2044	Mar	15.97
2045	Apr	16.08	2045	Apr	16.08
2046	May	16.19	2046	May	16.19
2047	Jun	16.30	2047	Jun	16.30
2048	Jul	16.41	2048	Jul	16.41
2049	Aug	16.52	2049	Aug	16.52
2050	Sep	16.63	2050	Sep	16.63
2051	Oct	16.74	2051	Oct	16.74
2052	Nov	16.85	2052	Nov	16.85
2053	Dec	16.96	2053	Dec	16.96
2054	Jan	17.07	2054	Jan	17.07
2055	Feb	17.18	2055	Feb	17.18
2056	Mar	17.29	2056	Mar	17.29
2057	Apr	17.40	2057	Apr	17.40
2058	May	17.51	2058	May	17.51
2059	Jun	17.62	2059	Jun	17.62
2060	Jul	17.73	2060	Jul	17.73
2061	Aug	17.84	2061	Aug	17.84
2062	Sep	17.95	2062	Sep	17.95
2063	Oct	18.06	2063	Oct	18.06
2064	Nov	18.17	2064	Nov	18.17
2065	Dec	18.28	2065	Dec	18.28
2066	Jan	18.39	2066	Jan	18.39
2067	Feb	18.50	2067	Feb	18.50
2068	Mar	18.61	2068	Mar	18.61
2069	Apr	18.72	2069	Apr	18.72
2070	May	18.83	2070	May	18.83
2071	Jun	18.94	2071	Jun	18.94
2072	Jul	19.05	2072	Jul	19.05
2073	Aug	19.16	2073	Aug	19.16
2074	Sep	19.27	2074	Sep	19.27
2075	Oct	19.38	2075	Oct	19.38
2076	Nov	19.49	2076	Nov	19.49
2077	Dec	19.60	2077	Dec	19.60
2078	Jan	19.71	2078	Jan	19.71
2079	Feb	19.82	2079	Feb	19.82
2080	Mar	19.93	2080	Mar	19.93
2081	Apr	20.04	2081	Apr	20.04
2082	May	20.15	2082	May	20.15
2083	Jun	20.26	2083	Jun	20.26
2084	Jul	20.37	2084	Jul	20.37
2085	Aug	20.48	2085	Aug	20.48
2086	Sep	20.59	2086	Sep	20.59
2087	Oct	20.70	2087	Oct	20.70
2088	Nov	20.81	2088	Nov	20.81
2089	Dec	20.92	2089	Dec	20.92
2090	Jan	21.03	2090	Jan	21.03
2091	Feb	21.14	2091	Feb	21.14
2092	Mar	21.25	2092	Mar	21.25
2093	Apr	21.36	2093	Apr	21.36
2094	May	21.47	2094	May	21.47
2095	Jun	21.58	2095	Jun	21.58
2096	Jul	21.69	2096	Jul	21.69
2097	Aug	21.80	2097	Aug	21.80
2098	Sep	21.91	2098	Sep	21.91
2099	Oct	22.02	2099	Oct	22.02
2100	Nov	22.13	2100	Nov	22.13
2101	Dec	22.24	2101	Dec	22.24
2102	Jan	22.35	2102	Jan	22.35
2103	Feb	22.46	2103	Feb	22.46
2104	Mar	22.57	2104	Mar	22.57
2105	Apr	22.68	2105	Apr	22.68
2106	May	22.79	2106	May	22.79
2107	Jun	22.90	2107	Jun	22.90
2108	Jul	23.01	2108	Jul	23.01
2109	Aug	23.12	2109	Aug	23.12
2110	Sep	23.23	2110	Sep	23.23
2111	Oct	23.34	2111	Oct	23.34
2112	Nov	23.45	2112	Nov	23.45
2113	Dec	23.56	2113	Dec	23.56
2114	Jan	23.67	2114	Jan	23.67
2115	Feb	23.78	2115	Feb	23.78
2116	Mar	23.89	2116	Mar	23.89
2117	Apr	24.00	2117	Apr	24.00
2118	May	24.11	2118	May	24.11
2119	Jun	24.22	2119	Jun	24.22
2120	Jul	24.33	2120	Jul	24.33
2121	Aug	24.44	2121	Aug	24.44
2122	Sep	24.55	2122	Sep	24.55
2123	Oct	24.66	2123	Oct	24.66
2124	Nov	24.77	2124	Nov	24.77
2125	Dec	24.88	2125	Dec	24.88
2126	Jan	24.99	2126	Jan	24.99
2127	Feb	25.10	2127	Feb	25.10
2128	Mar	25.21	2128	Mar	25.21
2129	Apr	25.32	2129	Apr	25.32
2130	May	25.43			

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in San Jacinto Valley

THE UNIVERSITY OF CHICAGO
 OFFICE OF THE DEAN
 540 EAST 58TH STREET
 CHICAGO, ILL. 60637

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1948			1948	
3S4W36A 1495.0	Jan. 16	87.2	3S3W6B Cont.	Jan. 19	183.2
	1947			1947	
3S4W36B 1507.7	Apr. 2	128.7	3S3W7A 1566.0	Mar. 25 b	85.8
	June 18	124.6		Mar. 31	87.8
	Nov. 24	129.1		June 17	102.4
	1948			June 18 b	97.4
	Jan. 16	125.5		July 15 b	98.4
3S3W1A 1754.5	Jan. 21	259.6		Aug. 13 b	103.5
	1947			Oct. 22 b	110.0
				Dec. 16 b	99.6
				1948	
3S3W2A 1810.2	Jan. 6 a	247.6		Jan. 16	106.7
	Feb. 25 b	247.4		1947	
	Mar. 25 b	247.8	3S3W7B 1591.0	Mar. 28	110.8
	Mar. 27	240.5		June 17	108.9
	Apr. 15 b	247.6		Nov. 25	108.2
	May 21 b	247.6		1948	
	June 17	247.8		Jan. 19	109.4
	June 18 b	247.7		1947	
	July 15 b	247.8	3S3W8A	Mar. 28	127.1
	Aug. 13 b	247.7		June 17	128.2
	Sep. 25 b	247.8		Nov. 25	130.6
	Oct. 22 b	247.9		1948	
	Nov. 25	248.1		Jan. 20	130.8
	Dec. 16 b	247.8		1947	
3S3W6A 1620.	Mar. 31	148.4	3S3W12A 1601.0	Nov. 25	125.6
	June 17	156.0		1948	
	Nov. 25	149.7		Jan. 22	125.0
	1948				
	Jan. 19	150.6			
	1947				
3S3W6B 1651.7	Mar. 31	173.4			
	June 17	192.4			
	Nov. 25	181.0			

a Measurement from Division of Water Resources.

b Measurement from Metropolitan Water District.

Measurements from Riverside County Flood Control District except as noted.

a Measurement from Metropolitan Water District.

Measurements from Riverside County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
3S3W31A 1479.5	Feb. 25	135.0	3S2W21A *1441.7	Mar. 25	12.5
	Mar. 25	135.2		Apr. 15	12.4
	Mar. 28 a	134.7		May 21	12.0
	Apr. 15	135.6		June 18	12.4
	May 21	134.9		July 16	12.0
	June 18	135.4		Sep. 25	12.8
	June 18 a	137.3		Oct. 22	12.3
	July 15	135.6		Dec. 16	12.1
	Aug. 13	137.2			
	Sep. 25	138.2		1948	
	Oct. 22	138.8		Jan. 21 a	11.1
	Nov. 24 ab				
	Dec. 16	138.7		1947	
3S3W31B 1472.	Nov. 24 a	137.6	3S2W26A 1460.	Feb. 24	43.9
	1948			Mar. 26	43.8
	Jan. 19 a	138.4		Apr. 15	44.0
	1947			June 18	44.5
3S2W7A 1590.7	Mar. 31 a	108.6		Aug. 13	44.5
	June 17 a	102.6		Sep. 25	44.4
	Nov. 24 a	107.2		Oct. 22	44.4
	1948			Dec. 8	44.3
	Jan. 22 a	103.8		1948	
3S2W8A 1676.5	Feb. 25	140.0	3S2W26B 1428.7	Jan. 21 a	44.6
	Mar. 28 a	140.1		Jan. 21 a	46.9
	Apr. 15	140.3	3S2W29A 1428.1	Jan. 22 a	10.7
	May 21	140.3		1947	
	June 17 a	140.2	3S2W33A 1425.6	Jan. 8	21.2
	July 16	140.4		Feb. 24	21.5
	Aug. 13	140.4		Mar. 26	21.4
	Sep. 25	140.4		Apr. 16	21.1
	Oct. 22	140.5		June 19	21.7
	Dec. 16	140.2		July 16	22.2
	1948			Sep. 24	22.4
	Jan. 21 a	144.2		Oct. 22	22.9
				Dec. 16	22.7

* R.P. Elevation from M.W.D. topography.

a Measurement from Riverside County Flood Control District.

b Dry at 140 feet.

Measurements from Metropolitan Water District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1948			1948		
3S2W33A Cont.	Jan. 20	a 22.4	4S3W2A 1530.5	Jan. 20	45.5
1947			1947		
3S2W34A	Jan. 8	a 23.4	4S3W3A	Apr. 2	142.5
	Feb. 24	a 23.2	1495.	June 18	148.1
	Mar. 26	a 23.2		Nov. 24	144.8
	Apr. 16	a 23.3			
	May 21	a 23.4		1948	
	July 16	a 24.4			
	Oct. 22	a 25.6		Jan. 19	147.0
	Dec. 16	a 24.9			
3S2W35A 1429.0	June 19	a 54.7		1947	
1948			4S3W5A 1446.	Apr. 2	53.1
	Jan. 20	a 49.2		June 18	60.3
	Jan. 21	51.1		Nov. 24	60.2
1947				1948	
3S2W35B 1428.8	June 19	8.7		Jan. 19	62.4
1948				1947	
	Jan. 21	8.2	4S3W6A 1478.	Apr. 2	208.6
1947				Nov. 24	220.0
4S4W1A 1504.7	Apr. 2	40.7		1948	
	June 18	42.5		Jan. 19	228.0
1948				1947	
	Jan. 16	41.6	4S3W9A *1446.4	Nov. 21	150.1
1947				1948	
4S4W12A 1488.9	Feb. 25	a 209.0		Jan. 19	147.9
	Mar. 25	a 211.6		1947	
	Apr. 1	213.1	4S3W10A	Feb. 25	a 156.0
	Apr. 15	a 214.2		Apr. 15	a 159.6
	Dec. 16	ab		Aug. 13	a 172.0
				Sept. 25	a 174.0

* New elevation; R. P. changed.

a Measurement from Metropolitan Water District.

b Plug at 220 feet dry.

Measurements from Riverside County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1948	
4S3W10A Cont.	Oct. 22 Dec. 16	a 176.0 a 166.6	4S3W24A Cont.	Jan. 20	b
	1948			1947	
	Jan. 19	159.8	4S3W24B 1432.5	Mar. 25	a 101.9
4S3W16D 1435.5	Jan. 19	120.9		1948	
				Jan. 26	a 108.1
4S3W18A 1481.3	Jan. 16	116.5		1947	
	1947		4S3W24C 1422.2	Feb. 25	a 114.6
4S3W19A 1478.2	June 18	81.9		Mar. 25	a 114.3
	1948			Apr. 16	ac 115.6
	Jan. 16	81.4		May 21	ac 119.8
4S3W20A 1433.5	Jan. 16	182.6		June 19	122.7
	1947			July 15	ac 122.8
4S3W20B	Nov. 21	173.7		Aug. 13	a 123.8
	1948			Sep. 25	ac 125.5
	Jan. 16	a 175.8		Oct. 22	ac 126.6
	1947			Dec. 16	a 122.5
4S3W21A 1425.	Nov. 21	125.0		1948	
	1948			Jan. 26	a 119.9
	Jan. 20	129.1		1947	
	1947		4S3W28A 1415.6	Nov. 21	139.9
4S3W24A 1437.6	June 19	121.0		1948	
				Jan. 20	137.5

a Measurement from Metropolitan Water District.

b Dry at 122 feet.

c Pumping nearby.

Measurements from Riverside County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
4S3W28B 1422.0	June 19	a 129.3	4S3W35A Cont.	Oct. 22 Dec. 16	122.1 118.5
1948			1948		
	Jan. 20	a 115.2	4S2W1A 1436.7	Jan. 22 Jan. 27	a 6.0 5.3
1947			1947		
4S3W31A 1424.1	June 19	a 45.4	4S2W2B 1431.7	June 19	a 18.9
1948			1948		
	Jan. 16	a 43.6		Jan. 21 Jan. 27	a 19.2 20.4
1947			1947		
4S3W32A 1434.7	Feb. 25 Mar. 25 Apr. 15 May 21 June 18 July 15 Aug. 13 Sep. 25 Dec. 16	64.4 65.5 64.5 64.5 64.4 65.1 64.6 64.4 64.3	4S2W3A 1436.4	Feb. 25 Mar. 25 Apr. 16 June 19 Sep. 25 Oct. 22 Dec. 16	39.7 39.8 39.9 40.5 41.3 41.5 41.6
1948			1948		
	Jan. 16	a 65.0		Jan. 20	41.7
4S3W32B *1421.0	Jan. 15	b 165.8	1947		
1947			4S2W7A 1445.6	Feb. 25 Apr. 16 May 21 June 18 June 19 July 15 Aug. 13 Sep. 25 Oct. 22 Dec. 16	76.4 75.6 80.6 83.9 a 84.3 85.6 87.1 89.4 88.1 83.2
4S3W35A 1424.1	Feb. 25 Mar. 25 Apr. 16 May 21 June 18 June 19 July 15 Aug. 13 Sep. 25	113.4 111.6 c 117.2 c 120.7 c 121.9 a 121.8 119.6 120.8 c 123.8			

* Correction: Beginning January 14, 1943, R.P. Elevation should be 1421.0.

a Measurement from Riverside County Flood Control District.

b Measurement from Division of Water Resources.

c Pumping nearby.

Measurements from Metropolitan Water District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
4S2W8B 1457.6	Mar. 25	87.6	4S2W19A	June 19 a	21.0
	1948			1948	
	Jan. 26	98.7		Jan. 20 a	23.8
				Jan. 26	22.8
	1947			1947	
4S2W10A 1444.9	June 19 a	40.3			
	Dec. 12 a	41.6	4S2W20A	June 19 a	193.6
	1948			1948	
	Jan. 21 a	41.0		Jan. 20 a	194.2
	1947			1947	
4S2W17A 1495.	Mar. 25	126.4	4S3W36A 1501.2	Feb. 25	28.6
	1948			Mar. 26	28.7
				May 21	29.1
	Jan. 26 b	139.8		June 18	29.4
4S2W18B 1462.6	Jan. 26	116.6		July 15	29.8
	1947			Aug. 13	30.0
				Sep. 25	30.4
4S2W18C *1472.0	Mar. 25	105.8		Oct. 22	30.5
	1948			Dec. 16	30.2
				1948	
	Jan. 26 c	126.9	4S1W7A 1453.3	Jan. 27	5.7
	Jan. 26 d	128.			
	1947		4S1W7B 1449.1	Jan. 27 e	6.2
4S2W18D 1505.0	Mar. 25	146.9			
	1948		4S1W7C 1452.7	Jan. 27	11.9
	Jan. 26	153.0	4S1W7D 1446.1	Jan. 27	13.1

* New elevation; R. P. changed.

a Measurement from Riverside County Flood Control District.

b Pumping nearby.

c Shut down three hours.

d Air gage.

e Flow in irrigation ditch, 10 feet east.

Measurements from Metropolitan Water District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1948		
4S1W15B	Feb. 24	3.4	4S1W19A	Jan. 28 b	9.4
	Mar. 26	6.6	1458.8		
	Apr. 15	10.0	1947		
	May 20	17.2	4S1W20A	Feb. 24	10.4
	June 18	19.0	1478.8	Mar. 26	10.2
	July 15	24.8		Apr. 15	10.2
	Aug. 13	24.1		May 21	10.5
	Sep. 25	24.9		June 18	10.7
	Oct. 22	23.5		July 15	11.1
	Dec. 8	15.0		Aug. 13	11.4
1948				Sep. 25	11.8
	Jan. 20	11.2		Dec. 8	11.4
4S1W15D	Jan. 27	16.1	1948		
*1520.0			4S1W21A	Jan. 27	5.4
4S1W16B	Jan. 27	3.4	1473.6		
1475.7			4S1W21B	Jan. 27	5.6
4S1W17A	Jan. 27	6.7	1491.2		
1455.4			4S1W21C	Jan. 27	7.1
4S1W17B	Jan. 27	6.8	1489.0		
1457.5			4S1W22B	Jan. 27	10.9
4S1W17C	Jan. 27	3.9	1506.0		
1458.3			4S1W22C	Jan. 27 c	10.4
4S1W17D	Jan. 27	4.0	1947		
1464.4			4S1W23A	Feb. 24	18.9
4S1W18A	Jan. 27	7.5	1551.2	Apr. 15	28.9
1450.9				June 18	37.7
4S1W18B	Jan. 27 a	4.7		July 15	41.2
1451.0				Aug. 13	44.9
4S1W18C	Jan. 27	19.1		Sep. 25	47.0
1466.5				Oct. 22	43.9
				Dec. 8	36.1
			1948		
				Jan. 20	33.1

* New elevation; R. P. changed.

a Measurement from Division of Water Resources.

b Windmill pumping slowly.

c Pumping nearby.

Measurements from Metropolitan Water District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
4S1W23B	Feb. 24	23.5	4S1W28C	Mar. 26	12.9
1545.4	Mar. 26	25.0	Cont.	Apr. 15	12.9
	Apr. 15	26.3		Dec. 8 a	
	May. 20	30.0	4S1W29A	Feb. 24	42.3
	June 18	32.7	1508.8	Mar. 26	42.6
	July 15	35.7		Apr. 15	42.7
	Aug. 13	38.9		May 21	42.9
	Sep. 25	42.3		June 18	44.3
	Oct. 22	43.5		July 15 b	
	Dec. 8	40.9		Dec. 8	42.3
1948			1948		
	Jan. 20	34.4		Jan. 27 c	42.8
4S1W23C	Jan. 27	19.3	4S1W29B	Jan. 21 c	39.9
			1502.0		
1947			4S1W31A	Jan. 27 c	40.8
4S1W25A	Feb. 24	36.9	*1504.5		
1566.	Mar. 26	39.9	1947		
	Apr. 15	44.2	4S1W32A	Feb. 25	41.3
	May 20	48.0	1513.8	Mar. 26	42.0
	June 18	51.4		Apr. 15	42.5
	July 15	53.8		May 21	44.1
	Aug. 13	57.2		June 18	43.6
	Sep. 25	59.3		July 15	44.0
	Oct. 22	56.9		Aug. 13	43.2
	Dec. 8	51.7		Sep. 25	43.8
1948				Oct. 22	45.2
	Jan. 20	50.0		Dec. 16	43.6
4S1W26A	Jan. 27	44.8	1948		
1552.9				Jan. 27 c	44.8
4S1W28B	Jan. 27	24.5	4S1W32B	Jan. 27 c	69.5
1514.5			1527.5		
1947					
4S1W28C	Feb. 24	12.9			
1507.8					

* New elevation; R. P. changed.

a Dry at 12.3 feet.

b Plugged at 43+ feet.

c Measurement from Division of Water Resources.

Measurements from Metropolitan Water District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1948		
4S1W33A	Feb. 24	57.1	4S1E31A	Jan. 27	54.2
*	Mar. 26	57.6	1675.0		
	Apr. 15	57.9			
	May 20	a 59.3	4S1E31B	Jan. 27	e 78.4
	June 18	60.7	1606.9		
	Sep. 25	74.9			
	Oct. 22	73.2	5S3W1A	Jan. 22	b 21.6
	Dec. 8	66.9	***		
1948			5S3W2A	Jan. 22	b 26.3
	Jan. 27	ab 60.8	5S3W2C	Jan. 22	b 157.5
4S1W33B	Jan. 27	b 64.4	5S3W3A	Jan. 21	b 128.8
1527.8					
4S1W33D	Jan. 27	b 71.1	1947		
1533.5			5S3W3B	Feb. 25	115.2
4S1W33E	Jan. 27	b 69.0	1422.7	Mar. 25	115.4
**1533.8				Apr. 15	115.7
1947				May 21	116.8
				June 18	118.0
				July 15	119.6
				Aug. 13	122.6
				Sep. 25	118.8
				Oct. 22	f
4S1W35D	Feb. 24	42.9	5S3W5A	Nov. 21	g 25.0
1578.5	Mar. 26	44.3	1415.2		
	Apr. 15	45.1			
	May 20	47.7			
	June 18	49.0			
	July 15	c			
	Sep. 25	d			
	Dec. 8	d			
1948					
4S1W36A	Jan. 21	b 85.1	5S3W5B	Jan. 15	b 23.9
1608.0			1413.5	Jan. 15	b 117.1

* R.P. elevation 1522.5 to and including July 15, 1947; then 1520.9.

** New elevation; R.P. changed.

*** Top of concrete curb around pit, northeast corner, 0.38 feet below old R.P.

a Pumping nearby.

b Measurement from Division of Water Resources.

c Mud at 50 feet.

d Dry at 50 feet.

e Shut down five minutes.

f Plugged at 120+ feet.

g Measurement from Riverside County Flood Control District.

Measurements from Metropolitan Water District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1948			1948		
5S3W6A	Jan. 15	a 46.2	5S3W13A	Jan. 20	a 35.5
			1474.2		
5S3W6B	Jan. 15	a 29.9	5S3W14A	Jan. 20	a 71.1
5S3W7A	Jan. 15	a 16.6	1446.2		
5S3W7B	Jan. 15	a 17.8	1947		
1947			5S3W16A	Feb. 25	104.4
5S3W8A	Feb. 25	99.6	1423.3	Mar. 25	104.2
1412.4	Mar. 25	99.5		Apr. 15	105.1
	Apr. 15	99.8		May 21	106.4
	May 21	101.3		June 18	107.3
	June 18	101.9		July 15	108.2
	July 15	102.8		Aug. 13	109.7
	Aug. 13	108.8		Sep. 25	115.0
	Sep. 25	110.0		Oct. 22	117.0
	Oct. 22	110.0		Dec. 16	111.4
	Dec. 16	105.6	1948		
1948				Jan. 15	a 116.3
	Jan. 15	a 104.7	5S3W17A	Jan. 15	a 123.4
			1444.4		
1947			5S3W22A	Jan. 20	a 107.3
5S3W11A	Feb. 25	83.7	1425.0		
1480.2	Mar. 25	79.6	5S3W24A	Jan. 20	a 42.0
	Apr. 15	80.0	1459.9		
	May 21	b 86.6	5S3W24B	Jan. 20	a 49.9
	Sep. 25	94.9	1465.7		
	Dec. 16	80.8	1948		
1948			5S3W24C	Jan. 20	a 49.8
	Jan. 20	a 77.2	1456.9		
5S3W11B	Jan. 21	a 198.3	5S3W27A	Jan. 19	a 20.1
1482.6			1526.3		
5S3W11C	Jan. 21	a 168.2	5S3W29A	Jan. 19	a 63.0
1458.3			1410.4		

a Measurement from Division of Water Resources.

b Pumping nearby.

Measurements from Metropolitan Water District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1948			1947		
5S3W33A *1411.0	Jan. 19	54.4	5S2W12B 1501.1	Feb. 25 a	24.4
5S3W33B *1414.5	Jan. 19	57.6		Apr. 15 ac	27.1
5S3W33D 1420.1	Jan. 19	59.5		Oct. 22 a	32.9
5S3W34A 1416.8	Jan. 19	56.4		Dec. 16 a	28.4
5S3W34C 1417.4	Jan. 19	54.6	1948		
1947				Jan. 23 c	29.4
5S3W35A 1423.2	Feb. 25 a	45.2	5S2W12C 1526.8	Jan. 24	30.8
	Apr. 15 a	47.1	5S2W15A 1540.3	Jan. 22	51.1
	Aug. 13 a	49.8	5S2W17A	Jan. 22	39.0
	Oct. 22 a	51.0	5S2W17B	Jan. 22	22.5
1948			5S2W22A 1489.4	Jan. 22 c	36.9
	Jan. 19	49.0	5S2W22B 1513.	Jan. 22 c	43.8
5S3W36A 1430.9	Jan. 20	46.8	5S2W24A *1495.9	Jan. 23	37.2
5S3W36C 1424.8	Jan. 19	51.6	1947		
5S3W36D 1449.3	Jan. 20	34.6	5S2W24B 1501.0	Oct. 22 a	40.8
1947				Dec. 16 a	35.8
5S2W7A 1542.4	Nov. 21 b	172.0	1948		
1948				Jan. 23	38.4
	Jan. 20	166.7	5S2W24D	Jan. 23	46.7
5S2W12A 1507.9	Jan. 24	23.8	5S2W25A 1487.9	Jan. 23	52.4
			5S2W25B 1486.6	Jan. 23	75.7

* New elevation; R.P. changed.

a Measurement from Metropolitan Water District.

b Measurement from Riverside County Flood Control District.

c Windmill pumping slowly.

Measurements from Division of Water Resources except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1948			1947		
5S2W27A 1475.0	Jan. 22	a 32.8	5S2W36B 1493.7	Feb. 25	63.4
1947				Mar. 26	63.4
5S2W27E 1477.	Feb. 25	31.4		Apr. 15	63.4
	Apr. 15	31.8		May 21	63.6
	June 18	32.2		June 18	64.0
	Aug. 13	b		July 15	64.4
5S2W30A 1456.6	Feb. 25	34.2		Aug. 13	64.9
	Apr. 15	35.8		Oct. 22	66.3
	June 18	35.4		Dec. 16	67.2
	Aug. 13	c	1948		
1948				Jan. 23	a 67.6
5S2W31A 1457.1	Jan. 22	a 26.5	5S1W1A 1624.8	Jan. 28	94.2
5S2W32A 1458.5	Jan. 22	ad 21.2	5S1W2A 1582.4	Jan. 26	77.5
5S2W32C 1455.0	Jan. 22	a 17.8	1947		
5S2W33A 1459.5	Jan. 22	22.5	5S1W2I 1584.9	Feb. 24	70.4
5S2W33B 1469.3	Jan. 22	a 35.5		Mar. 26	70.6
5S2W35A 1481.0	Jan. 22	a 53.0		Apr. 15	71.2
5S2W35C 1474.8	Jan. 22	a 43.9		May 20	71.1
5S2W35D 1471.0	Jan. 22	ae		June 18	71.2
5S2W36A 1483.1	Jan. 22	a 54.0		July 15	71.8
				Aug. 13	72.0
				Sep. 25	72.0
				Oct. 22	71.8
				Dec. 8	71.5
			1948		
				Jan. 26	a 72.3
			1947		
			5S1W3C 1549.6	Feb. 24	69.4
				Mar. 26	71.1
				Apr. 15	71.8

a Measurement from Division of Water Resources.

b New pump house over well, locked.

c Plugged at 32+ feet.

d Windmill pumping slowly.

e Dry at 37 feet.

Measurements from Metropolitan Water District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1948		
5S1W3C	May 20	72.9	5S1W7C	Jan. 24	a 31.7
Cont.	June 18	75.8	1505.5		
	July 15	76.3	5S1W8B	Jan. 26	a 35.5
	Aug. 13	77.2	1512.6		
	Sep. 25	76.1		1947	
	Oct. 22	74.6	5S1W9A	Feb. 24	81.0
	Dec. 8	72.5	1542.0	Mar. 26	87.8
1948				Apr. 15	90.6
	Jan. 26	a 71.2		May 20	94.6
5S1W4A	Jan. 26	a 74.0		June 18	95.0
1538.8				July 15	95.5
5S1W4D	Jan. 27	a 80.0		Aug. 13	97.1
1538.0				Sep. 25	101.1
5S1W5A	Jan. 26	a 41.4		Oct. 22	92.9
1520.8				Dec. 8	77.7
5S1W5B	Jan. 26	ab 71.0		1948	
1528.2				Jan. 26	a 84.4
1947			5S1W10A	Jan. 26	a 120.8
			1581.		
5S1W5C	Feb. 24	82.0	5S1W13B	Jan. 26	a 219.7
1536.8	Mar. 26	93.4	1688.5		
	Apr. 15	95.0	5S1W14B	Jan. 26	a 178.8
	May 20	98.1	1640.2		
	June 18	c	5S1W15A	Jan. 26	a 149.0
	Aug. 13	c	1603.		
	Dec. 8	87.4	5S1W16A	Jan. 26	ad 97.4
1948			1545.		
	Jan. 21	a 81.1	5S1W16B	Jan. 24	a 91.7
5S1W7A	Jan. 21	a 24.9	1543.5	Jan. 24	ae 96.
1505.					
5S1W7B	Jan. 24	a 27.6			
1510.7					

a Measurement from Division of Water Resources.

b Shut down last 24 hours; pumped steady last three weeks.

c Dry at 110+ feet.

d Shut down last 12 hours.

e Air gage.

Measurements from Metropolitan Water District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1948	
5S1W16E	Dec. 10	a 110.	5S1W21C Cont.	Jan. 24	31.6
	1948				
	Jan. 25	b 118.7	5S1W27A	Jan. 24	38.4
5S1W17B	Jan. 24	68.9	5S1W28A	Jan. 24	25.8
1522.	Jan. 24	c 66.0	1568.7		
5S1W18A	Jan. 21	d 70.5	5S1W30C	Jan. 23	49.1
1511.5			5S1W34B	Jan. 24	58.2
5S1W18C	Jan. 24	58.3		1947	
5S1W19A	Jan. 23	81.5	5S1E6A	Nov. 17	e 113.6
1515.5			1650.5		
	1947			1948	
5S1W19C	Nov. 18	e 45.3		Jan. 21	f 110.8
1512.3					
	1948		5S1E6B	Jan. 26	fg 104.1
	Jan. 23	46.9	1653.1		
	1947		5S1E7A	Jan. 28	f 170.4
			1720.		
				1947	
5S1W20A	Nov. 18	e 81.6	5S1E9D	Nov. 13	e 82.2
1528.7			1759.8		
	1948			1948	
	Jan. 23	75.0		Jan. 21	f 73.4
5S1W20D	Jan. 23	69.5		1947	
1527.					
	1947		5S1E10B	Nov. 17	e 32.5
5S1W21C	Nov. 18	e 28.8	1810.6		
				1948	
				Jan. 21	f 32.4

a Measurement by California Electric Power Company from owner.

b Shut down 14 hours.

c Air gage.

d Shut down last 12 hours.

e Measurement from Riverside County Flood Control District.

f Measurement from Metropolitan Water District.

g Well 1000 feet northwest pumping.

Measurements from Division of Water Resources except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1948			1948	
5S1E17B 1841.	Jan. 28	276.8	6S3W3A **1428.3	Jan. 19 d	54.0
	1947			1947	
5S1E17C *	Feb. 24	216.0	6S3W4A 1440.5	Feb. 25	54.4
	Mar. 26	216.3		June 18	57.0
	Apr. 15	216.8		Aug. 13	58.3
				Oct. 22	59.1
	1948			1948	
	Jan. 21 a	233.3		Jan. 19 a	57.8
	Jan. 21 ab	230.		1947	
	1947			1947	
5S1E18B 1761.5	Feb. 24	187.0	6S3W5A 1399.0	Nov. 21 c	38.0
	Mar. 26	187.7		1948	
	Apr. 15	187.6		Jan. 19 a	38.0
	May 20	189.4		Jan. 19 ad	6.5
	June 18	191.2	6S3W11A	Jan. 19 a	52.7
	July 15	193.0	6S3W12A 1429.5	Jan. 19 a	14.0
	Aug. 13	196.8		Jan. 19 a	64.2
	Oct. 22	210.7		Jan. 24 a	42.0
	Nov. 18 c	226.9		Jan. 24 a	58.2
	Dec. 8	204.6			
	1948				
	Jan. 21	214.5			
6S3W2B 1425.9	Jan. 19 a	49.9			

* R.P. elevation 1800.7 to and including April 15, 1947; then 1800.9.

** New elevation; R.P. changed.

a Measurement from Division of Water Resources.

b Air gage.

c Measurement from Riverside County Flood Control District.

d Windmill pumping slowly nearby.

Measurements from Metropolitan Water District except as noted.

SOUTH COASTAL BASIN INVESTIGATION
Records of Ground Water Levels at Wells
in Antelope Valley

THESE RESULTS HAVE BEEN
 OBTAINED BY USING A
 METHOD OF MEASURING THE



Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
5N9W6A 2847.3	Nov. 4	a 36.6	5N11W4D 2756.	Dec. 3	146.6
5N9W20A 3166.	Nov. 4	a 235.8	5N11W10A 2836.	Jan. 3	81.0
5N10W6A 2777.	Mar. 5	88.6		Feb. 13	80.9
	Apr. 10	89.0		Mar. 5	80.5
	May 15	88.8		Apr. 10	81.7
	June 5	89.5		May 15	82.3
	July 1	98.3		June 5	84.2
	Aug. 14	91.8		July 7	85.5
	Sep. 11	99.0		Sep. 11	86.8
	Oct. 2	93.1		Oct. 2	87.6
	Oct. 14	97.8		Nov. 12	90.0
	Nov. 12	91.5	5N11W12B 2834.	Dec. 3	92.2
	Dec. 3	91.1		Dec. 3	132.4
5N10W7A 2617.	Jan. 3	122.6	5N11W13B 2913.	Dec. 3	220.8
	Feb. 13	122.3			
	Mar. 18	122.2	6N8W10A 2804.	Nov. 7	a 25.2
	Apr. 10	121.8			
	May 15	122.9	6N8W18A 2725.	Jan. 7	a 160.5
	June 5	124.3		Feb. 5	a 160.9
	Dec. 3	124.6		Mar. 5	a 161.0
5N10W7C 2893.5	Dec. 3	208.3		June 4	ab 162.0
5N10W12A 2834.	Jan. 7	a 51.1		July 7	a 162.8
	Feb. 5	a 51.2		Sep. 4	a 161.1
	Mar. 5	a 51.2		Oct. 6	a 161.5
	Apr. 2	a 51.2		Nov. 7	ab 161.3
	May 6	a 51.2	6N9W4A 2596.8	Nov. 7	a 114.0
	June 4	a 51.2			
	July 7	a 51.4	6N9W31A 2832.	Nov. 4	28.1
	Aug. 5	a 51.3			
	Sep. 4	a 51.4	6N10W9C 2598.5	Nov. 6	a 151.2
	Oct. 6	a 51.4			
	Nov. 4	a 51.6	6N10W10A 2614.	Nov. 6	a 73.6
	Dec. 4	a 51.6			
5N10W26A 3155.	Nov. 4	a 47.7			

a Measurement by United States Geological Survey.

b Shut windmill down to measure.

Measurements from Los Angeles County Flood Control District.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
6N10W20A 2639.	Jan. 7	153.5	6N11W33B 2683.	Dec. 3	b 122.4
	Feb. 5	153.0			
	Mar. 5	154.6	6N12W25A 2653.2	Apr. 10	b 293.1
	Apr. 2	156.0		May 15	b 293.2
	June 4	158.4		June 5	b 293.2
	Oct. 6	175.5		July 7	b 293.8
	Nov. 7	165.4		Sep. 11	bc 294.1
	Dec. 4	165.2		Oct. 2	bc 295.5
6N10W27A 2677.	Nov. 7	150.5		Nov. 2	bc 296.8
6N10W32A 2694.	Nov. 7	112.0	6N13W12A 2607.5	Dec. 9	b 247.5
6N10W32B 2685.	Nov. 7	112.5	7N10W7A 2397.5	Nov. 5	78.8
6N11W8A 2523.5	Nov. 5	a 199.0	7N10W21A 2465.	Nov. 6	154.6
6N11W8G 2512.	Nov. 5	190.9	7N10W30A 2488.	Nov. 6	189.2
6N11W9A 2505.5	Nov. 5	186.8	7N10W31A 2506.	Nov. 6	192.3
6N11W12A 2541.	Nov. 6	191.9	7N11W6A 2383.4	Nov. 5	70.5
6N11W12C 2552.	Nov. 6	187.9	7N11W16A 2392.	Nov. 5	b 97.4
6N11W18B 2562.	Nov. 5	235.9	7N11W19A 2430.	Nov. 5	143.6
6N11W19A 2583.	Jan. 3	b 243.3	7N11W23B 2439.	Nov. 6	136.4
	Feb. 13	b 242.4	7N11W24A 2433.	Feb. 5	128.6
6N11W28B 2625.	Dec. 3	b 96.8		Mar. 5	128.7
				Apr. 2	132.3

a Pumping nearby.

b Measurement from Los Angeles County Flood Control District.

c Casing wet and muddy.

Measurements by United States Geological Survey from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
7N11W24A Cont.	June 4	ab 139.0	7N12W34A 2502.7	Jan. 2	187.1
	July 7	a 143.3		Feb. 13	187.0
	Aug. 5	a 151.1		Mar. 5	187.0
	Sep. 4	a 152.0		Apr. 10	187.1
	Oct. 6	a 145.2			
	Nov. 6	a 142.0	7N13W11B 2356.	Dec. 9	4.9
	Dec. 4	a 139.6			
7N11W27A 2454.	Feb. 5	a 138.3	7N13W17A **2421.7	Dec. 9	114.7
	Nov. 5	a 160.9			
7N11W28B 2448.7	Nov. 5	a 143.2	7N13W21B 2372.	Dec. 9	85.2
7N11W28D 2440.8	Nov. 5	a 159.9	7N13W21C 2373.	Dec. 9	80.8
7N12W4B *	Feb. 27	4.0	7N13W21D 2373.	Dec. 9	88.2
	Apr. 10	5.4			
	Nov. 19	7.8	7N13W27A 2421.	Dec. 9	144.2
7N12W6B 2330.	Nov. 26	27.6			
7N12W8A 2317.	Nov. 26	17.0	7N13W28A 2475.5	Dec. 9	186.18
7N12W15C 2348.5	Apr. 10	37.4	7N13W35A 2444.	Dec. 9	187.6
	July 7	59.0			
	Aug. 14	62.8	7N14W10A 2558	Feb. 28	187.0
	Sep. 11	63.3		July 8	187.7
	Oct. 2	63.5		Nov. 18	189.4
	Nov. 19	52.8		Dec. 8	190.1
	Dec. 9	49.8			
7N12W22B 2412.	Dec. 10	108.4	8N9W4B 2305.5	Nov. 6	a 24.2
7N12W29A 2449.	Dec. 9	139.0	8N9W4I 2294.	Nov. 6	a 14.8
			8N9W6D 2304.	Nov. 6	a 13.7

* Correction to previous bulletins: Beginning December 9, 1939, R. P. elevation should be 2313.8, 1.2 feet below ground to and including February 27, 1947; then 2312.8.

** New elevation; R. P. changed.

a Measurement by United States Geological Survey.

b Shut windmill down to measure.

Measurements from Los Angeles County Flood Control District.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
1947			1947		
8N9W6F 2298.8	Nov. 6	13.3	8N12W22A Cont.	Apr. 9 July 7 Nov. 26	Flowing 7.3 10.4
8N10W2A 2310.	Nov. 6 a	17.2	8N12W22B 2302.	Mar. 1 b Nov. 26	0.0 8.8
8N10W9A 2319.	Jan. 7 a Feb. 5 a Mar. 5 a Apr. 2 a May 6 a June 4 a July 7 a Aug. 5 a Sep. 4 a Oct. 6 a Nov. 6 a Dec. 4 a	23.4 24.2 24.3 24.4 24.5 24.2 24.7 24.6 24.9 25.0 25.0 25.0	8N12W22C 2301.	Nov. 26	10.1
			8N12W22D 2301.5	Nov. 26	9.2
			8N12W24A 2310.	Nov. 4	16.5
			8N12W30B 2324.	Nov. 26	20.5
8N10W19A 2342.5	Nov. 6	81.8	8N13W7A 2442.	Dec. 9	114.2
8N11W20A 2315.	Nov. 4	29.1	8N13W8B 2437.	Feb. 27 Apr. 9 July 8 Nov. 19	102.7 102.2 109.0 108.3
8N11W22A 2318.	Nov. 6 a	63.1	8N13W22A 2385.5	Dec. 9	72.1
8N11W22C 2321.	Nov. 6	66.8	8N13W23A 2376.	Dec. 9	64.7
8N11W30B 2330.2	Nov. 4	36.4	8N14W2B 2494.5	Dec. 9	132.5
8N12W4B 2307.7	Nov. 26	13.8	8N14W12A 2472.	Dec. 9	127.7
8N12W20A 2319.	Nov. 26	21.8	8N14W12B 2482.5	Dec. 9	133.9
8N12W22A 2301.5	Jan. 2 Feb. 13 Feb. 27 Mar. 4	1.1 Flowing " "	8N14W14A 2495.	Dec. 8	150.4

a Measurement by United States Geological Survey.

b Measurement from Division of Water Resources.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet	Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1947			1947	
8N15W36A 2786.5	Dec. 8	73.5	9N13W20A 2420.±	Jan. 2	69.0
				Feb. 13	66.5
				Apr. 9	65.4
8N16W5A 2901.	Feb. 28	200.2		July 7 a	79.0
	Apr. 9	199.8		Nov. 19	74.4
	July 8	199.0			
	Nov. 18	198.3	9N13W35A 2378.1	Dec. 9	57.7
	Dec. 8	191.2			
8N16W18A 2995.	Dec. 8	94.2	9N14W24A 2490.±	Dec. 9	105.6
9N12W21A 2332.4	Jan. 2	41.7	9N14W29A 2630.±	July 8	178.
	Feb. 27	42.0		Nov. 18	177.9
	Apr. 9	43.5			
	July 7	47.1	9N14W32A 2620.±	Apr. 10	168.1
	Nov. 19	47.8			

a Pumping nearby.

Measurements from Los Angeles County Flood Control District.

Value of Factor of Safety	Factor	Value of Factor of Safety	Value of Factor of Safety	Factor	Value of Factor of Safety
	Factor			Factor	
1.00	1.000	1.000	1.000	1.00	1.000
1.05	1.049	1.050	1.050	1.05	1.049
1.10	1.100	1.100	1.100	1.10	1.100
1.15	1.151	1.150	1.150	1.15	1.151
1.20	1.204	1.200	1.200	1.20	1.204
1.25	1.259	1.250	1.250	1.25	1.259
1.30	1.315	1.300	1.300	1.30	1.315
1.35	1.372	1.350	1.350	1.35	1.372
1.40	1.430	1.400	1.400	1.40	1.430
1.45	1.489	1.450	1.450	1.45	1.489
1.50	1.549	1.500	1.500	1.50	1.549
1.55	1.610	1.550	1.550	1.55	1.610
1.60	1.672	1.600	1.600	1.60	1.672
1.65	1.735	1.650	1.650	1.65	1.735
1.70	1.799	1.700	1.700	1.70	1.799
1.75	1.864	1.750	1.750	1.75	1.864
1.80	1.930	1.800	1.800	1.80	1.930
1.85	1.997	1.850	1.850	1.85	1.997
1.90	2.065	1.900	1.900	1.90	2.065
1.95	2.134	1.950	1.950	1.95	2.134
2.00	2.204	2.000	2.000	2.00	2.204
2.05	2.275	2.050	2.050	2.05	2.275
2.10	2.347	2.100	2.100	2.10	2.347
2.15	2.420	2.150	2.150	2.15	2.420
2.20	2.494	2.200	2.200	2.20	2.494
2.25	2.569	2.250	2.250	2.25	2.569
2.30	2.645	2.300	2.300	2.30	2.645
2.35	2.722	2.350	2.350	2.35	2.722
2.40	2.800	2.400	2.400	2.40	2.800
2.45	2.879	2.450	2.450	2.45	2.879
2.50	2.959	2.500	2.500	2.50	2.959
2.55	3.040	2.550	2.550	2.55	3.040
2.60	3.122	2.600	2.600	2.60	3.122
2.65	3.205	2.650	2.650	2.65	3.205
2.70	3.289	2.700	2.700	2.70	3.289
2.75	3.374	2.750	2.750	2.75	3.374
2.80	3.460	2.800	2.800	2.80	3.460
2.85	3.547	2.850	2.850	2.85	3.547
2.90	3.635	2.900	2.900	2.90	3.635
2.95	3.724	2.950	2.950	2.95	3.724
3.00	3.814	3.000	3.000	3.00	3.814
3.05	3.905	3.050	3.050	3.05	3.905
3.10	3.997	3.100	3.100	3.10	3.997
3.15	4.090	3.150	3.150	3.15	4.090
3.20	4.184	3.200	3.200	3.20	4.184
3.25	4.279	3.250	3.250	3.25	4.279
3.30	4.375	3.300	3.300	3.30	4.375
3.35	4.472	3.350	3.350	3.35	4.472
3.40	4.570	3.400	3.400	3.40	4.570
3.45	4.669	3.450	3.450	3.45	4.669
3.50	4.769	3.500	3.500	3.50	4.769
3.55	4.870	3.550	3.550	3.55	4.870
3.60	4.972	3.600	3.600	3.60	4.972
3.65	5.075	3.650	3.650	3.65	5.075
3.70	5.179	3.700	3.700	3.70	5.179
3.75	5.284	3.750	3.750	3.75	5.284
3.80	5.390	3.800	3.800	3.80	5.390
3.85	5.497	3.850	3.850	3.85	5.497
3.90	5.605	3.900	3.900	3.90	5.605
3.95	5.714	3.950	3.950	3.95	5.714
4.00	5.824	4.000	4.000	4.00	5.824
4.05	5.935	4.050	4.050	4.05	5.935
4.10	6.047	4.100	4.100	4.10	6.047
4.15	6.160	4.150	4.150	4.15	6.160
4.20	6.274	4.200	4.200	4.20	6.274
4.25	6.389	4.250	4.250	4.25	6.389
4.30	6.505	4.300	4.300	4.30	6.505
4.35	6.622	4.350	4.350	4.35	6.622
4.40	6.740	4.400	4.400	4.40	6.740
4.45	6.859	4.450	4.450	4.45	6.859
4.50	6.979	4.500	4.500	4.50	6.979
4.55	7.099	4.550	4.550	4.55	7.099
4.60	7.220	4.600	4.600	4.60	7.220
4.65	7.342	4.650	4.650	4.65	7.342
4.70	7.465	4.700	4.700	4.70	7.465
4.75	7.589	4.750	4.750	4.75	7.589
4.80	7.714	4.800	4.800	4.80	7.714
4.85	7.840	4.850	4.850	4.85	7.840
4.90	7.967	4.900	4.900	4.90	7.967
4.95	8.095	4.950	4.950	4.95	8.095
5.00	8.224	5.000	5.000	5.00	8.224

NOTE: The values in this table are for a factor of safety of 1.00. For other factors of safety, the values should be multiplied by the factor of safety.

PRECIPITATION RECORDS

THE UNIVERSITY OF CHICAGO

MONTHLY PRECIPITATION RECORDS
FROM U. S. WEATHER BUREAU

P r e c i p i t a t i o n i n I n c h e s

<u>Season and Month</u>	<u>413 Long Beach</u>	<u>2754F Los Angeles</u>	<u>3290 Claremont</u>	<u>4142A Sierra Madre</u>	<u>4832 San Fernando</u>
<u>1946-47</u>					
July	0.00	T	T	0.07	0.01
Aug.	0.00	0.00	0.00	0.00	0.00
Sep.	T	0.02	0.78	0.09	T
Oct.	0.36	0.92	0.90	2.09	0.77
Nov.	7.30	6.04	8.24	11.84	7.08
Dec.	2.31	3.47	3.78	6.72	3.65
Jan.	0.20	0.38	0.76	0.90	0.48
Feb.	0.74	0.86	0.35	0.50	0.17
Mar.	0.60	0.79	1.12	1.53	2.11
Apr.	0.08	0.04	0.41	0.30	0.13
May	0.10	0.12	0.22	0.46	0.27
June	<u>0.01</u>	<u>0.02</u>	<u>0.03</u>	<u>0.45</u>	<u>T</u>
TOTAL	11.70	12.66	16.59	24.95	14.67

	<u>14552 Santa Ana</u>	<u>15933 Corona</u>	<u>17023 Riverside</u>	<u>17417 Beaumont</u>	<u>18826 San Bernardino (near)</u>
<u>1946-47</u>					
July	0.00	0.01	0.05	0.82	0.33
Aug.	0.00	0.05	0.00	0.86	0.00
Sep.	0.04	0.38	0.15	0.00	0.61
Oct.	0.76	0.58	0.51	2.94	1.46
Nov.	6.57	6.22	4.41	7.02	6.84
Dec.	3.35	1.98	1.56	3.30	3.78
Jan.	0.21	0.33	0.12	0.62	0.50
Feb.	0.41	0.13	0.36	0.41	1.02
Mar.	0.77	0.68	0.91	0.92	1.11
Apr.	0.16	0.18	0.25	0.34	0.91
May	1.02	T	0.05	0.41	0.33
June	<u>0.03</u>	<u>0.04</u>	<u>0.05</u>	<u>0.00</u>	<u>0.13</u>
TOTAL	13.32	10.58	8.42	17.64	17.02

T - Less than 0.01 inch.

PRECIPITATION RECORDS FOR SEASON 1946-47
 (Season - July 1 to June 30)

<u>Station</u>	<u>Map Index</u>	<u>Elevation</u>	<u>Precipitation in inches</u>	<u>Source of Information</u>
185	O-6	125	9.17	L.A. Co. F.C.D.
327	P-9	10	10.69	U.S.W.B. (San Pedro)
401	N-10	40	11.50	L.A. Co. F.C.D.
413	O-10	40	11.70	U.S.W.B. (Long Beach)
452	N-11	15	10.66	L.A. Co. F.C.D.
453	O-11	15	8.47	L.A. Co. F.C.D.
485	O-12	25	7.72	O. Co. F.C.D.
587	P-14	15	9.33*	O. Co. F.C.D.
596	O-14	25	9.57	O. Co. F.C.D.
715	M-7	50	11.20	L.A. Co. F.C.D.
864	M-10	195	12.19*	L.A. Co. F.C.D.
985	M-12	45	9.64	L.A. Co. F.C.D.
1014	M-12	50	9.51	L.A. Co. F.C.D.
1030	L-13	85	9.94	L.A. Co. F.C.D.
1081	L-14	90	9.42	L.A. Co. F.C.D.
1099	N-14	60	9.36	O. Co. F.C.D.
1137	M-15	105	10.39	O. Co. F.C.D.
1166	M-15	135	11.09	O. Co. F.C.D.
1187	M-16	155	10.72	O. Co. F.C.D.
1199	N-16	140	10.78	O. Co. F.C.D.
1241	I-5	10	12.62	L.A. Co. F.C.D.
1288	K-6	135	11.15	L.A. Co. F.C.D.
1343	J-7	120	11.83	L.A. Co. F.C.D.
1409	L-9	65	12.06*	L.A. Co. F.C.D.
1475	K-10	110	11.25*	L.A. Co. F.C.D.
1482	J-10	165	14.02	L.A. Co. F.C.D.
1502	J-10	145	19.35	L.A. Co. F.C.D.
1546	K-11	105	15.00	L.A. Co. F.C.D.
1552	J-11	140	15.80	L.A. Co. F.C.D.
1565	K-12	120	15.41	L.A. Co. F.C.D.
1604	J-12	140	14.91*	L.A. Co. F.C.D.
1661	J-13	365	13.69	L.A. Co. F.C.D.
1664	J-13	215	13.10	L.A. Co. F.C.D.
1700	I-14	860	16.20	L.A. Co. F.C.D.
1706	K-14	250	11.96*	L.A. Co. F.C.D.
1750	I-15	465	17.34*	L.A. Co. F.C.D.
1757	K-15	285	12.20	O. Co. F.C.D.
1768	K-15	290	7.39	O. Co. F.C.D.
1774	J-15	635	13.00	L.A. Co. F.C.D.
1786	K-16	475	11.11	O. Co. F.C.D.
1862	J-17	765	14.16	O. Co. F.C.D.
1901	I-18	975	14.92	O. Co. F.C.D.
1906	K-18	850	10.38	O. Co. F.C.D.
1933	J-19	1150	15.41	O. Co. F.C.D.
2401	G-3	745	19.23	L.A. Co. F.C.D.
2511	G-5	1025	16.97	L.A. Co. F.C.D.
2544	H-5	340	15.33	L.A. Co. F.C.D.

* Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1946-47
(Season - July 1 to June 30)

<u>Station</u>	<u>Map Index</u>	<u>Elevation</u>	<u>Precipitation in inches</u>	<u>Source of Information</u>
2551	G-6	540	16.38	L.A. Co. F.C.D.
2555	H-5	230	14.98	L.A. Co. F.C.D.
2592	H-6	255	16.00	L.A. Co. F.C.D.
2607	I-7	100	11.67	L.A. Co. F.C.D.
2643	H-7	175	14.41	L.A. Co. F.C.D.
2686	H-8	200	12.40	L.A. Co. F.C.D.
2754	H-9	285	12.66	L.A. Co. F.C.D.
2754F	H-9	312	12.66	U.S.W.B. (Los Angeles)
2755	H-9	260	13.04	L.A. Co. F.C.D.
2870	G-12	485	20.12	L.A. Co. F.C.D.
2875	H-12	375	15.43	L.A. Co. F.C.D.
2915	H-12	320	15.34	L.A. Co. F.C.D.
2962	G-13	285	14.75	L.A. Co. F.C.D.
3009	I-14	600	16.46	L.A. Co. F.C.D.
3041	G-15	380	14.32	L.A. Co. F.C.D.
3053	H-15	360	15.95	L.A. Co. F.C.D.
3079	I-15	375	16.38	L.A. Co. F.C.D.
3094	H-16	470	13.97	L.A. Co. F.C.D.
3121	G-16	575	14.79	L.A. Co. F.C.D.
3123	H-16	630	14.05	L.A. Co. F.C.D.
3149A	I-17	530	14.04	L.A. Co. F.C.D.
3155	H-17	770	13.61*	L.A. Co. F.C.D.
3160	G-17	805	16.82	L.A. Co. F.C.D.
3190	G-18	1030	14.40	L.A. Co. F.C.D.
3223	H-18	840	15.98	U.S.W.B. (Pomona)
3244	H-19	860	13.62	L.A. Co. F.C.D.
3256	I-19	780	13.97	L.A. Co. F.C.D.
3280	G-19	1165	16.65	L.A. Co. F.C.D.
3290	G-20	1195	16.59	U.S.W.B. (Claremont)
3602	E-3	875	11.59	L.A. Co. F.C.D.
3618	G-3	990	18.40	L.A. Co. F.C.D.
**3673	F-4	815	13.58	L.A. Co. F.C.D.
3685	F-4	1000	12.33	L.A. Co. F.C.D.
3706	F-5	1400	16.24	L.A. Co. F.C.D.
3742	E-5	695	14.12	L.A. Dept. Water & Power
3749	G-5	725	17.24	L.A. Co. F.C.D.
3786	F-6	1175	17.69	L.A. Co. F.C.D.
3810	E-7	730	10.76	L.A. Co. F.C.D.
3834	F-7	595	13.58	L.A. Co. F.C.D.
3868	F-8	750	17.47	L.A. Co. F.C.D.
3891	E-8	620	15.53	L.A. Co. F.C.D.
3894	F-8	470	17.33	L.A. Co. F.C.D.
3897	F-8	1025	17.42	L.A. Co. F.C.D.
3906	F-8	1400	18.60	L.A. Co. F.C.D.
3907	F-8	1400	17.12	L.A. Co. F.C.D.
3917	G-9	750	17.27	L.A. Co. F.C.D.

* Partially estimated by comparison with nearby stations.

** Incorrectly shown on map as 3763.

PRECIPITATION RECORDS FOR SEASON 1946-47
(Season - July 1 to June 30)

<u>Station</u>	<u>Map Index</u>	<u>Elevation</u>	<u>Precipitation in inches</u>	<u>Source of Information</u>
3921A	E-9	1300	17.76	L.A. Co. F.C.D.
3934	F-9	530	17.35	L.A. Co. F.C.D.
3939	G-9	455	13.97	L.A. Co. F.C.D.
3943	E-9	620	18.19	L.A. Co. F.C.D.
4001	E-10	1335	22.85*	L.A. Co. F.C.D.
4010	E-10	1155	21.78	L.A. Co. F.C.D.
4023	E-11	1040	21.99	L.A. Co. F.C.D.
4028	G-11	620	20.11	L.A. Co. F.C.D.
4048	G-11	690	20.10	L.A. Co. F.C.D.
4050	E-11	1350	23.49	U.S.W.B. (Altadena)
4061	E-11	1125	23.06	L.A. Co. F.C.D.
4073	F-12	985	21.60	L.A. Co. F.C.D.
4076	F-12	750	21.11	L.A. Co. F.C.D.
4087	F-12	670	21.98	L.A. Co. F.C.D.
4092	E-12	1055	23.97	L.A. Co. F.C.D.
4099	G-12	420	18.22*	L.A. Co. F.C.D.
4110	E-12	2515	29.38	L.A. Co. F.C.D.
4111	E-12	1385	26.10	L.A. Co. F.C.D.
4135	F-13	630	20.78	L.A. Co. F.C.D.
4142A	E-13	1120	24.95	L.A. Co. F.C.D.
4152	E-13	1100	24.98	L.A. Co. F.C.D.
4153	E-13	985	23.17	L.A. Co. F.C.D.
4154	F-13	660	21.37*	L.A. Co. F.C.D.
4163	F-13	700	20.69	L.A. Co. F.C.D.
4164	F-13	610	20.11	L.A. Co. F.C.D.
4171A	E-14	1440	24.04	L.A. Co. F.C.D.
4180	E-14	1700	33.64	U.S.W.B. (Santa Anita Ranger Station)
4194A	F-14	695	20.06*	L.A. Co. F.C.D.
4195	F-14	600	18.98	L.A. Co. F.C.D.
4211	E-14	1800	27.99	L.A. Co. F.C.D.
4212	E-14	1375	25.37	L.A. Co. F.C.D.
4230	E-15	2725	36.85	L.A. Co. F.C.D.
4231	E-15	2300	30.47	L.A. Co. F.C.D.
4285	F-16	675	18.69	L.A. Co. F.C.D.
4293	E-16	800	21.07	L.A. Co. F.C.D.
4294	F-16	750	20.03	U.S.W.B. (San Gabriel Power House)
4296	F-16	600	16.14	L.A. Co. F.C.D.
4296A	F-16	605	16.16	U.S.W.B. (Azusa)
4306	F-16	615	16.65	L.A. Co. F.C.D.
4309	G-16	545	14.50	L.A. Co. F.C.D.
4331	E-16	1210	27.03	L.A. Co. F.C.D.
4336	F-17	785	17.00	L.A. Co. F.C.D.
4346	F-17	820	18.22	L.A. Co. F.C.D.
4354	F-17	1200	19.60	L.A. Co. F.C.D.
4383	E-18	1575	25.53	L.A. Co. F.C.D.

* Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1946-47
(Season - July 1 to June 30)

<u>Station</u>	<u>Map Index</u>	<u>Elevation</u>	<u>Precipitation in inches</u>	<u>Source of Information</u>
4386	F-17	965	16.76	L.A. Co. F.C.D.
4399	G-18	960	15.37	L.A. Co. F.C.D.
4407	F-18	1110	16.67	L.A. Co. F.C.D.
4424	F-18	1350	20.81	L.A. Co. F.C.D.
4433	E-18	1500	22.75	L.A. Co. F.C.D.
4439	G-18	1055	16.14*	L.A. Co. F.C.D.
4444	F-19	1680	19.52	L.A. Co. F.C.D.
4457	F-19	1435	15.78	L.A. Co. F.C.D.
4487	F-19	1405	16.65*	L.A. Co. F.C.D.
4505	F-20	1755	22.19	L.A. Co. F.C.D.
4517	G-20	1525	19.29	L.A. Co. F.C.D.
4522	E-20	2500	30.20	U.S.W.B. (Mouth of San Antonio Canyon)
4545	F-21	1785	22.30	U.S.W.B. (Upland)
4566	F-21	1605	20.68	Liberty Groves Operating Corporation
4687	D-2	900	12.36	L.A. Co. F.C.D.
4694	C-2	965	14.20	L.A. Co. F.C.D.
4747	D-4	900	12.88	L.A. Co. F.C.D.
4811	C-5	1150	16.50	L.A. Co. F.C.D.
4832	C-5	950	14.67	L.A. Co. F.C.D.
4837	D-5	815	14.89*	L.A. Co. F.C.D.
4864	C-6	945	14.01	L.A. Co. F.C.D.
4894	C-6	955	14.99	L.A. Co. F.C.D.
4934	C-7	1060	15.18	L.A. Co. F.C.D.
4946	D-7	1000	14.94	L.A. Co. F.C.D.
5014	C-8	1750	22.57	L.A. Co. F.C.D.
5060	C-10	1825	28.68	L.A. Co. F.C.D.
5067	D-9	1565	23.99	L.A. Co. F.C.D.
5076	D-10	2325	29.33	L.A. Co. F.C.D.
5109	E-10	1280	23.33	L.A. Co. F.C.D.
5115	D-11	1820	33.50	L.A. Co. F.C.D.
5127	D-11	1490	24.23	U.S.W.B. (Arroyo Seco)
5139	E-11	1180	23.10	L.A. Co. F.C.D.
5144	C-11	2980	28.71*	L.A. Co. F.C.D.
5204	C-12	4230	41.42	U.S.W.B. (Opid's Camp)
5247	D-13	5585	40.83	L.A. Co. F.C.D.
5269	D-13	2600	38.02	U.S.W.B. (Winter Creek)
5446	D-17	1500	27.77	L.A. Co. F.C.D.
5549	D-19	2700	27.73	L.A. Co. F.C.D.
5646	D-21	4320	35.97	U.S.W.B. (Camp Baldy)
5696	D-22	8300	45.87	L.A. Co. F.C.D.
5861	A-4	1245	16.35	L.A. Co. F.C.D.
5872	A-4	1270	16.33*	L.A. Co. F.C.D.
5908	B-5	1225	17.51	L.A. Co. F.C.D.
5922	A-5	1480	21.64	L.A. Co. F.C.D.
5928	B-5	1250	16.27	L.A. Co. F.C.D.

* Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1946-47
(Season - July 1 to June 30)

<u>Station</u>	<u>Map Index</u>	<u>Elevation</u>	<u>Precipitation in inches</u>	<u>Source of Information</u>
5988	B-6	1455	19.36	L.A. Co. F.C.D.
5999	B-6	1425	19.06*	L.A. Co. F.C.D.
6005	B-7	1700	20.45	L.A. Co. F.C.D.
6289A	B-12	3625	28.05	L.A. Co. F.C.D.
6355	A-13	4300	22.21	U.S.W.B. (Alder Creek)
6558A	B-17	5735	39.84	L.A. Co. F.C.D.
6569	B-17	4650	32.21	L.A. Co. F.C.D.
6702	A-20	6860	26.52	L.A. Co. F.C.D.
6711	A-20	7500	14.75	L.A. Co. F.C.D.
7017	A-3	1095	13.37	L.A. Co. F.C.D.
13193	Q-14	35	8.24	O. Co. F.C.D.
13301	Q-16	35	6.96	O. Co. F.C.D.
13309	R-16	10	8.87	U.S.W.B. (Newport Beach)
13363	Q-17	65	9.75	O. Co. F.C.D.
13402	Q-18	100	9.30	O. Co. F.C.D.
13406	R-18	300	11.57	O. Co. F.C.D.
13432	Q-19	190	11.64	O. Co. F.C.D.
13480	P-19	445	12.37	O. Co. F.C.D.
13484	Q-19	350	10.91	O. Co. F.C.D.
13499	R-20	375	13.11	O. Co. F.C.D.
13633	Q-22	1100	16.08	O. Co. F.C.D.
13802	Q-26	1300	13.76*	Edwin M. Sherman
13864	Q-27	1270	6.93	U.S.W.B. (Elsinore)
13902	Q-28	1400	7.98	Temescal Water Co.
14373	R-21	150	10.19	O. Co. F.C.D.
14408	P-14	20	6.97	O. Co. F.C.D.
14451	N-15	100	9.85	C. Co. F.C.D.
14549	P-17	55	9.15*	O. Co. F.C.D.
14552	O-17	205	13.32	U.S.W.B. (Santa Ana)
14586	O-17	120	11.59	O. Co. F.C.D.
14617	P-18	120	12.46	U.S.W.B. (Tustin, near)
14649	P-19	245	13.77	O. Co. F.C.D.
14671	N-19	800	14.75	O. Co. F.C.D.
14673	O-19	1000	15.93	O. Co. F.C.D.
14765	O-21	1500	18.56	O. Co. F.C.D.
14835	O-22	2000	23.53	O. Co. F.C.D.
14902	N-24	1100	10.94	Temescal Water Co.
15420	N-34	1550	11.50*	U.S.W.B. (San Jacinto)
15602	L-16	195	12.04	O. Co. F.C.D.
15614	L-16	195	10.88	O. Co. F.C.D.
15623	L-16	225	12.52	O. Co. F.C.D.
15678	M-17	295	11.86	O. Co. F.C.D.
15679	N-17	285	10.75	O. Co. F.C.D.
15681	L-18	385	12.52	U.S.W.B. (Yorba Linda)
15860	L-21	480	12.03	U.S.D.A. & O. Co. F.C.D.
15903	L-22	840	11.01	Corona Foothill Lemon Co.
15925	M-22	1055	12.18	Corona Foothill Lemon Co.

* Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1946-47
(Season - July 1 to June 30)

<u>Station</u>	<u>Map Index</u>	<u>Elevation</u>	<u>Precipitation in inches</u>	<u>Source of Information</u>
15926	M-22	1250	13.45	Corona Foothill Lemon Co.
15932	L-22	700	9.78	Temescal Water Co.
15933	L-22	855	10.58	U.S.W.B. (Corona)
15955	M-23	1050	10.13	American Fruit Growers Assn.
16050	L-25	925	7.85*	San Jacinto Land Co.
16240	L-28	1475	8.63	U. S. Army Air Corps
16710	I-20	670	13.86	So. Calif. Edison Co., Ltd.
16801	J-22	655	9.48	John Imbach
16845	K-22	660	7.88	Capt. C. Gully
17023	J-26	895	8.42	U.S.W.B. (Riverside)
17062	J-27	1040	9.51	Riverside Citrus Experiment Station
17342	J-32	2220	15.76	Moreno Mutual Water Co.
17417	K-34	2580	17.64	U.S.W.B. (Beaumont)
17421	J-34	3045	20.29	U.S.W.B. (Beaumont, near)
17608	I-20	710	12.89	American Beet Sugar Co.
17613	H-20	985	15.25	West Ontario Citrus Assn.
17630	G-20	1230	19.93	Mr. Jordan
17653	H-21	1010	13.77	Southern Pacific Company
17674	H-21	930	12.18	Braundale Acres
17703	H-22	975	14.12	Guasti Wine Co.
17860	G-25	1270	15.00	Fontana Farms Co.
17973	H-27	975	10.78	Southern Pacific Company
17973A	H-27	980	10.79	Colton Police Department
17984	H-27	950	10.98	So. Calif. Edison Co., Ltd.
18082	H-29	1220	11.73	Crown Jewel Groves
18114	H-30	1360	12.99	U.S.W.B. (Redlands)
18125	H-30	1470	12.81	D.S.C. Anderson
18163	H-31	1645	12.80	Crafton Orange Growers Assn.
18194	H-31	2000	13.85	F. B. King
18256	I-33	2650	14.17	R. H. Arnett
18260	G-32	2965	15.35	U.S.W.B. (Mill Creek No. 2)
18351	G-34	5100	29.13	So. Calif. Edison Co., Ltd.
18507	F-22	1390	22.12	Alta Loma Heights Citrus Assn.
18514	F-22	1845	24.75	Victor Cherbak
18529A	G-22	1215	19.30	Garnett & Co., Inc.
18586	F-23	1425	21.15	W. F. Barnes
18642	F-25	1875	26.60	U.S.W.B. (Bennett Ranch)
18679	G-25	1320	15.30*	U.S.W.B. (Fontana)
18704	F-26	1590	18.06	So. Calif. Edison Co., Ltd.
18782	E-27	1415	19.21	San Bernardino Water Dept.
18809A	G-28	1030	12.25	San Bernardino Water Dept.
18826	F-28	1170	17.02	U.S.W.B. (San Bernardino, near)
18886	F-29	1345	15.79	Mrs. E. E. Corwin

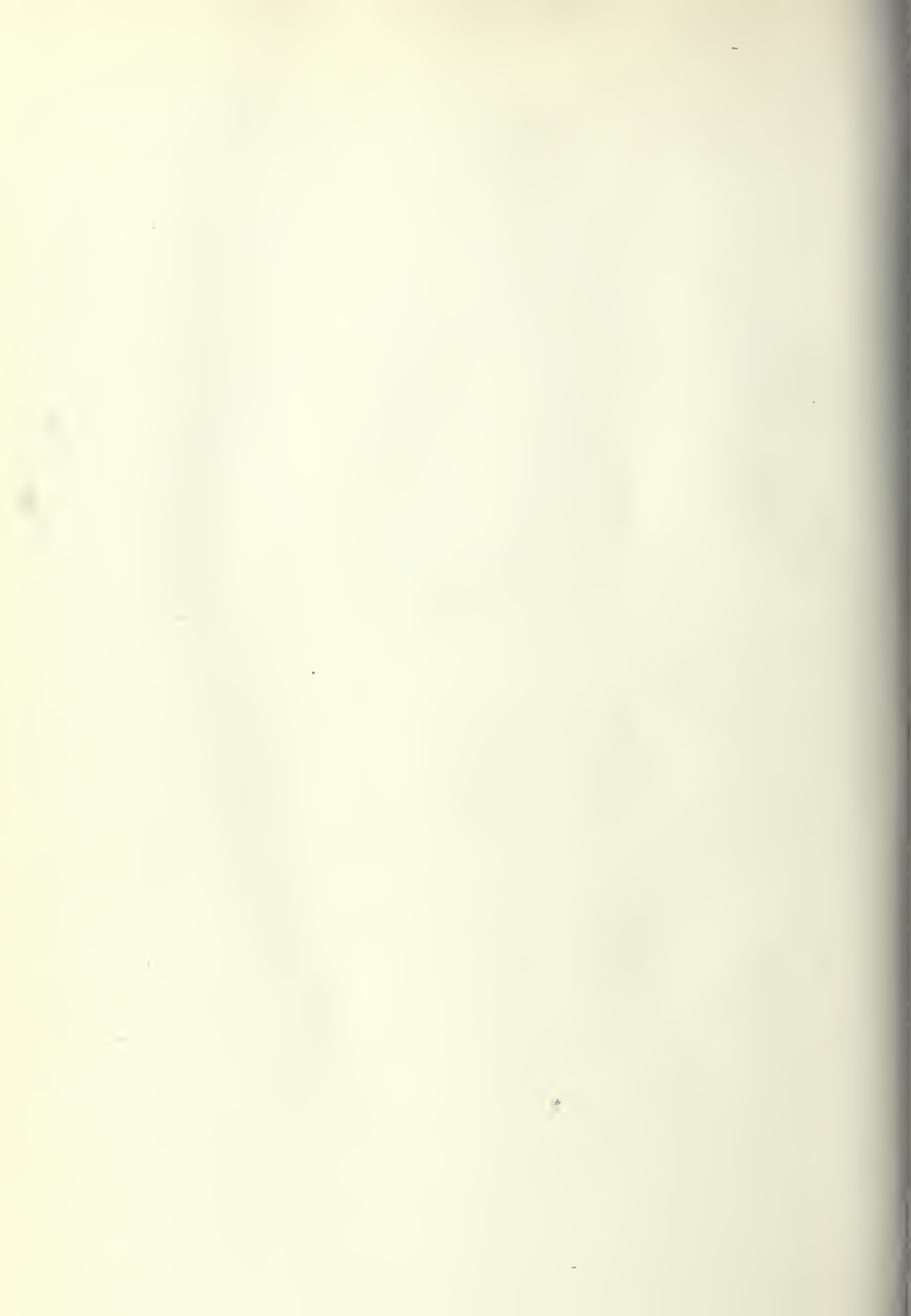
* Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1946-47
(Season - July 1 to June 30)

<u>Station</u>	<u>Map Index</u>	<u>Elevation</u>	<u>Precipitation in inches</u>	<u>Source of Information</u>
18906	F-29	1435	16.41	Thomas A. Ewing
18928	G-30	1365	16.36	Gold Buckle Association
18937	G-30	1515	17.22	East Highland's Orange Co.
18999	G-31	2060	16.50	So. Calif. Edison Co., Ltd.
19045	F-32	2765	21.62	U.S.W.B. (Santa Ana River)
19161	E-35	5000	22.97	U.S.W.B. (Seven Oaks)
19406	D-24	2800	36.53	So. Calif. Edison Co., Ltd.
19416	D-24	2720	38.33	U.S.W.B. (Lytle Creek Ranger Station)
19449	E-25	2260	28.32	Fontana Union Water Co.
19459	E-25	2250	29.65	U.S.W.B. (Lytle Creek)
19569	E-27	1900	26.98	San Bernardino Water Dept.
19656	D-28	5700	42.50	U.S.W.B. (Squirrel Inn)
19723	C-30	6250	46.59	Lake Arrowhead Company
19799	E-31	6230	30.15	Calif. State Div. of Highways
19915	D-34	6800	35.36	U.S.W.B. (Big Bear Lake Dam)

Abbreviations used in "Sources of Information" column:

L.A. Co. F.C.D. Los Angeles County Flood Control District.
 O. Co. F.C.D. Orange County Flood Control District.
 U.S.D.A. United States Department of Agriculture.
 U.S.W.B. United States Weather Bureau.



THIS BOOK IS DUE ON THE LAST DATE
STAMPED BELOW

AN INITIAL FINE OF 25 CENTS

WILL BE ASSESSED FOR FAILURE TO RETURN
THIS BOOK ON THE DATE DUE. THE PENALTY
WILL INCREASE TO 50 CENTS ON THE FOURTH
DAY AND TO \$1.00 ON THE SEVENTH DAY
OVERDUE.

111604

Calif. Division of
water resources.

TC824

C2

A2

no. 39K-

Calif.

PHYSICAL
SCIENCES
LIBRARY

TC824

C2

A2

no. 39K-

39P

LIBRARY
UNIVERSITY OF CALIFORNIA
DAVIS

111604

UNIVERSITY OF CALIFORNIA DAVIS



3 1175 02037 6755

